

Exam Questions AZ-103

Microsoft Azure Administrator

<https://www.2passeasy.com/dumps/AZ-103/>



NEW QUESTION 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have an Azure subscription named Subscription1. Subscription1 contains a resource group named RG1. RG1 contains resources that were deployed by using templates. You need to view the date and time when the resources were created in RG1. Solution: From the Subscriptions blade, you select the subscription, and then click Programmatic deployment. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 2

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have an Azure subscription named Subscription1. Subscription1 contains a resource group named RG1. RG1 contains resources that were deployed by using templates. You need to view the date and time when the resources were created in RG1. Solution: From the Subscriptions blade, you select the subscription, and then click Resource providers. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 3

DRAG DROP

You have an Azure subscription that contains a storage account. You have an on-premises server named Server1 that runs Window Server 2016. Server1 has 2 TB of data. You need to transfer the data to the storage account by using the Azure Import/Export service. In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order. NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

Answer Area

- From the Azure portal, create an import job.
- From Server1, run `waimportexport.exe`.
- Attach an external disk to Server1.
- From the Azure portal, update the import job.
- Detach the external disks from Server1 and ship the disks to an Azure data center.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

- Attach an external disk to Server1.
- From Server1, run `waimportexport.exe`.
- From the Azure portal, create an import job.
- Detach the external disks from Server1 and ship the disks to an Azure data center.
- From the Azure portal, update the import job.

NEW QUESTION 4

You have the Azure virtual machines shown in the following table.

Name	Azure region
VM1	West Europe
VM2	West Europe
VM3	North Europe
VM4	North Europe

You have a Recovery Services vault that protects VM1 and VM2. You need to protect VM3 and VM4 by using Recovery Services. What should you do first?

- A. Configure the extensions for VM3 and VM4.
- B. Create a new Recovery Services vault.
- C. Create a storage account.
- D. Create a new backup policy.

Answer: B

Explanation:

A Recovery Services vault is a storage entity in Azure that houses data. The data is typically copies of data, or configuration information for virtual machines (VMs), workloads, servers, or workstations. You can use Recovery Services vaults to hold backup data for various Azure services
 References: <https://docs.microsoft.com/en-us/azure/site-recovery/azure-to-azure-tutorial-enable-replication>

NEW QUESTION 5

DRAG DROP

You have an on-premises file server named Server1 that runs Windows Server 2016. You have an Azure subscription that contains an Azure file share. You deploy an Azure File Sync Storage Sync Service, and you create a sync group. You need to synchronize files from Server1 to Azure. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

- Create an Azure on-premises data gateway.
- Install the Azure File Sync agent on Server 1.
- Create a Recovery Services vault.
- Register Server 1.
- Install the DFS Replication server role on Server 1.
- Add a server endpoint.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Install the Azure File Sync agent on Server1
 The Azure File Sync agent is a downloadable package that enables Windows Server to be synced with an Azure file share
 Step 2: Register Server1.
 Register Windows Server with Storage Sync Service
 Registering your Windows Server with a Storage Sync Service establishes a trust relationship between your server (or cluster) and the Storage Sync Service.
 Step 3: Add a server endpoint
 Create a sync group and a cloud endpoint.
 A sync group defines the sync topology for a set of files. Endpoints within a sync group are kept in sync with each other. A sync group must contain one cloud endpoint, which represents an Azure file share and one or more server endpoints. A server endpoint represents a path on registered server. References: <https://docs.microsoft.com/en-us/azure/storage/files/storage-sync-files-deployment-guide>

NEW QUESTION 6

HOTSPOT

You plan to create an Azure Storage account in the Azure region of East US 2. You need to create a storage account that meets the following requirements:
 ? Replicates synchronously
 ? Remains available if a single data center in the region fails
 How should you configure the storage account? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.

Answer Area

Replication:

Geo-redundant storage (GRS)
Locally-redundant storage (LRS)
Read-access geo-redundant storage (RA GRS)
Zone-redundant storage (ZRS)

Account kind:

Blob storage
Storage (general purpose v1)
StorageV2 (general purpose v2)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Zone-redundant storage (ZRS)

Zone-redundant storage (ZRS) replicates your data synchronously across three storage clusters in a single region. LRS would not remain available if a data center in the region fails. GRS and RA GRS use asynchronous replication.

Box 2: StorageV2 (general purpose V2) ZRS only support GPv2.

References:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy> <https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy-zrs>

NEW QUESTION 7

HOTSPOT

You have an Azure subscription named Subscription1. Subscription1 contains two Azure virtual machines named VM1 and VM2. VM1 and VM2 run Windows Server 2016.

VM1 is backed up daily by Azure Backup without using the Azure Backup agent.

VM1 is affected by ransomware that encrypts data.

You need to restore the latest backup of VM1.

To which location can you restore the backup? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

You can perform a file recovery of VM1 to:

VM1 only
VM2 only
VM1 and VM2 only
A new Azure virtual machine only
Any Windows computer that has Internet connectivity

You can restore VM1 to:

VM1 only
VM2 only
VM1 and VM2 only
A new Azure virtual machine only
Any Windows computer that has Internet connectivity

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: VM1 only

To restore files or folders from the recovery point, go to the virtual machine and choose the desired recovery point.

Box 2: A new Azure virtual machine only

On the Restore configuration blade, you have two choices:

? Create virtual machine

? Restore disks References:

<https://docs.microsoft.com/en-us/azure/backup/backup-azure-restore-files-from-vm>
<https://docs.microsoft.com/en-us/azure/backup/backup-azure-arm-restore-vms>

NEW QUESTION 8

You have an Azure subscription that contains the resources in the following table.

Name	Type
ASG1	Application security group
NSG1	Network security group (NSG)
Subnet1	Subnet
VNet1	Virtual network
NIC1	Network interface
VM1	Virtual machine

Subnet1 is associated to VNet1. NIC1 attaches VM1 to Subnet1. You need to apply ASG1 to VM1. What should you do?

- A. Modify the properties of NSG1.
- B. Modify the properties of ASG1.
- C. Associate NIC1 to ASG1.

Answer: B

Explanation:

When you deploy VMs, make them members of the appropriate ASGs. You associate the ASG with a subnet. References: <https://azure.microsoft.com/en-us/blog/applicationsecuritygroups/>

NEW QUESTION 9

HOTSPOT

You have an Azure subscription named Subscription1. Subscription1 contains a virtual machine named VM1. You install and configure a web server and a DNS server on VM1. VM1 has the effective network security rules shown in the following exhibit.

Network Interface: vm1900 Effective security rules Topology

Virtual network/subnet: VMRG-vnet/default Public IP: 104.40.215.211 Private IP: 10.0.0.5 Accelerated networking: Disabled

INBOUND PORT RULES

Network security group VM1-nsg (attached to network interface: vm1900) Add inbound port rule
 Impacts 0 subnets, 1 network interfaces

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACTION
900	Rule2	50-60	Any	Any	Any	Deny ...
1000	default-allow-rdp	3389	TCP	Any	Any	Allow ...
1010	Rule1	50-500	TCP	Any	Any	Allow ...
65000	AllowVnetInBound	Any	Any	VirtualNet...	VirtualNet...	Allow ...
65001	AllowAzureLoadBalan...	Any	Any	AzureLoad...	Any	Allow ...
65500	DenyAllInBound	Any	Any	Any	Any	Deny ...

OUTBOUND PORT RULES

Network security group VM1-nsg (attached to network interface: vm1900) Add outbound port
 Impacts 0 subnets, 1 network interfaces

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACTION
1000	Rule3	80	Any	Any	Any	Deny ...
65000	AllowVnetOutBound	Any	Any	VirtualNet...	VirtualNet...	Allow ...
65001	AllowInternetOutBou...	Any	Any	Any	Internet	Allow ...
65500	DenyAllOutBound	Any	Any	Any	Any	Deny ...

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Internet users [answer choice].

can connect to only the DNS server on VM1
can connect to only the web server on VM1
can connect to the web server and the DNS server on VM1
cannot connect to the web server and the DNS server on VM1

If you delete Rule2, Internet users [answer choice].

can connect to only the DNS server on VM1
can connect to only the web server on VM1
can connect to the web server and the DNS server on VM1
cannot connect to the web server and the DNS server on VM1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Internet users [answer choice].

can connect to only the DNS server on VM1
can connect to only the web server on VM1
can connect to the web server and the DNS server on VM1
cannot connect to the web server and the DNS server on VM1

If you delete Rule2, Internet users [answer choice].

can connect to only the DNS server on VM1
can connect to only the web server on VM1
can connect to the web server and the DNS server on VM1
cannot connect to the web server and the DNS server on VM1

NEW QUESTION 10

HOTSPOT

You have an Azure subscription named Subscription1. Subscription1 contains the virtual networks in the following table.

Name	Address space	Subnet name	Subnet address range
VNet1	10.1.0.0/16	Subnet1	10.1.1.0/24
VNet2	10.10.0.0/16	Subnet2	10.10.1.0/24
VNet3	172.16.0.0/16	Subnet3	172.16.1.0/24

Subscription1 contains the virtual machines in the following table:

Name	Network	Subnet	IP address
VM1	VNet1	Subnet1	10.1.1.4
VM2	VNet2	Subnet2	10.10.1.4
VM3	VNet3	Subnet3	172.16.1.4

The firewalls on all the virtual machines are configured to allow all ICMP traffic. You add the peerings in the following table.

Virtual network	Peering network
VNet1	VNet3
VNet2	VNet3
VNet3	VNet1

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
VM1 can ping VM3.	<input type="radio"/>	<input type="radio"/>
VM2 can ping VM3.	<input type="radio"/>	<input type="radio"/>
VM2 can ping VM1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

Vnet1 and Vnet3 are peers. Box 2: Yes
 Vnet2 and Vnet3 are peers. Box 3: No
 Peering connections are non-transitive.
 References: <https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/hybrid-networking/hub-spoke>

NEW QUESTION 10

DRAG DROP

You have an Azure Active Directory (Azure AD) tenant that has the initial domain name. You have a domain name of contoso.com registered at a third-party registrar.

You need to ensure that you can create Azure AD users that have names containing a suffix of @contoso.com.

Which three actions should you perform in sequence? To answer, move the appropriate cmdlets from the list of cmdlets to the answer area and arrange them in the correct order.

Actions

Answer Area

- Configure company branding.
- Add an Azure AD tenant.
- Verify the domain.
- Create an Azure DNS zone.
- Add a custom domain name.
- Add a record to the public contoso.com DNS zone.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The process is simple:

1. Add the custom domain name to your directory
2. Add a DNS entry for the domain name at the domain name registrar
3. Verify the custom domain name in Azure AD

References: <https://docs.microsoft.com/en-us/azure/dns/dns-web-sites-custom-domain>

NEW QUESTION 15

HOTSPOT

You have an Azure Active Directory (Azure AD) tenant named adatum.com. Adatum.com contains the groups in the following table.

Name	Group type	Membership type	Membership rule
Group1	Security	Dynamic user	(user.city -startsWith "m")
Group2	Microsoft Office 365	Dynamic user	(user.department -notIn ["HR"])
Group3	Microsoft Office 365	Assigned	Not applicable

You create two user accounts that are configured as shown in the following table.

Name	City	Department	Office 365 license assigned
User1	Montreal	Human resources	Yes
User2	Melbourne	Marketing	No

To which groups do User1 and User2 belong? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

User1: ▼

Group1 only
Group2 only
Group3 only
Group1 and Group2 only
Group1 and Group3 only
Group2 and Group3 only
Group1, Group2, and Group3

User2: ▼

Group1 only
Group2 only
Group3 only
Group1 and Group2 only
Group1 and Group3 only
Group2 and Group3 only
Group1, Group2, and Group3

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Group 1 only First rule applies
 Box 2: Group1 and Group2 only Both membership rules apply.
 References: <https://docs.microsoft.com/en-us/sccm/core/clients/manage/collections/create-collections>

NEW QUESTION 16

Your company registers a domain name of contoso.com.
 You create an Azure DNS named contoso.com and then you add an A record to the zone for a host named www that has an IP address of 131.107.1.10.
 You discover that Internet hosts are unable to resolve www.contoso.com to the 131.107.1.10 IP address.
 You need to resolve the name resolution issue.
 Solution: You add an NS record to the contoso.com zone. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Before you can delegate your DNS zone to Azure DNS, you need to know the name servers for your zone. The NS record set contains the names of the Azure DNS name servers assigned to the zone. References: <https://docs.microsoft.com/en-us/azure/dns/dns-delegate-domain-azure-dns>

NEW QUESTION 20

HOTSPOT
 You have an Azure subscription.
 You need to implement a custom policy that meet the following requirements:
 *Ensures that each new resource group in the subscription has a tag named organization set to a value of Contoso.
 *Ensures that resource group can be created from the Azure portal.
 *Ensures that compliance reports in the Azure portal are accurate.
 How should you complete the policy? To answer, select the appropriate options in the answers are a.

```
{
  "policyRule":{
    "if":{
      "allOf":{
        {
          "field":"type",
          "equals":
```

"Microsoft.Resources/deployments"
"Microsoft.Resources/subscriptions"
"Microsoft.Resources/subscriptions/resourceGroups"

```
},
    "not":{
      "field":"tags['organization']",
      "equals":"Contoso"
    }
  ]
},
```

```
"then":{
  "effect":
  "details": [
    {
      "field":"tags['organization']",
      "value": "Contoso"
    }
  ]
}
```

"Append",
"Deny",
"DeployifNotExists",

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:


```
PS C:\> Get-AzureRmVirtualNetwork -Name VNet1 -ResourceGroupName Production

Name                : VNet1
ResourceGroupName   : Production
Location            : westus
Id                  : /subscriptions/14d26092-8e42-4ea7-b770-9dcef70fb1ea/resourceGroups/Production/providers/Microsoft.Network/virtualNetworks/VNet1
Etag                : W/"76f7edd6-d022-455b-aeae-376059318e5d"
ResourceGuid        : 562696cc-b2ba-4cc5-9619-0a735d6c34c7
ProvisioningState   : Succeeded
Tags                :
AddressSpace        : {
  "AddressPrefixes": [
    "10.2.0.0/16"
  ]
}
DhcpOptions         : {}
Subnets            : [
  {
    "Name": "default",
    "Etag": "W/\\"76f7edd6-d022-455b-aeae-376059318e5d\\"",
    "Id": "/subscriptions/14d26092-8e42-4ea7-b770-9dcef70fb1ea/resourceGroups/Production/providers/Microsoft.Network/virtualNetworks/VNet1/subnets/default",
    "AddressPrefix": "10.2.0.0/24",
    "IpConfigurations": [],
    "ResourceNavigationLinks": [],
    "ServiceEndpoints": [],
    "ProvisioningState": "Succeeded"
  }
]
VirtualNetworkPeerings : []
EnableDDoSProtection : false
EnableVmProtection    : false
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

Before a virtual machine on VNet1 can receive an IP address from 192.168.1.0/24, you must first **[answer choice]**.

- add a network interface
- add a subnet
- add an address space
- delete a subnet
- delete an address space

Before a virtual machine on VNet1 can receive an IP address from 10.2.1.0/24, you must first **[answer choice]**.

- add a network interface
- add a subnet
- add an address space
- delete a subnet
- delete an address space

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: add a subnet

Your IaaS virtual machines (VMs) and PaaS role instances in a virtual network automatically receive a private IP address from a range that you specify, based on the subnet they are connected to. We need to add the 192.168.1.0/24 subnet.

Box 2: add a network interface

The 10.2.1.0/24 network exists. We need to add a network interface.

References: <https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-static-private-ip-arm-portal>

NEW QUESTION 30

You have an Azure subscription that contains a storage account named account1.

You plan to upload the disk files of a virtual machine to account1 from your on-premises network. The on-premises network uses a public IP address space of 131.107.1.0/24.

You plan to use the disk files to provision an Azure virtual machine named VM1. VM1 will be attached to a virtual network named VNet1. VNet1 uses an IP

address space of 192.168.0.0/24.

You need to configure account1 to meet the following requirements:

? Ensure that you can upload the disk files to account1.

? Ensure that you can attach the disks to VM1.

? Prevent all other access to account1.

Which two actions should you perform? Each correct selection presents part of the solution.

NOTE: Each correct selection is worth one point.

A. From the Firewalls and virtual networks blade of account1, add the 131.107.1.0/24 IP address range.

B. From the Firewalls and virtual networks blade of account1, select Selected networks.

C. From the Firewalls and virtual networks blade of account1, add VNet1.

D. From the Firewalls and virtual networks blade of account1, select Allow trusted Microsoft services to access this storage account.

E. From the Service endpoints blade of VNet1, add a service endpoint.

Answer: BE

Explanation:

B: By default, storage accounts accept connections from clients on any network. To limit access to selected networks, you must first change the default action.

Azure portal

1. Navigate to the storage account you want to secure.

2. Click on the settings menu called Firewalls and virtual networks.

3. To deny access by default, choose to allow access from 'Selected networks'. To allow traffic from all networks, choose to allow access from 'All networks'.

4. Click Save to apply your changes. E: Grant access from a Virtual Network

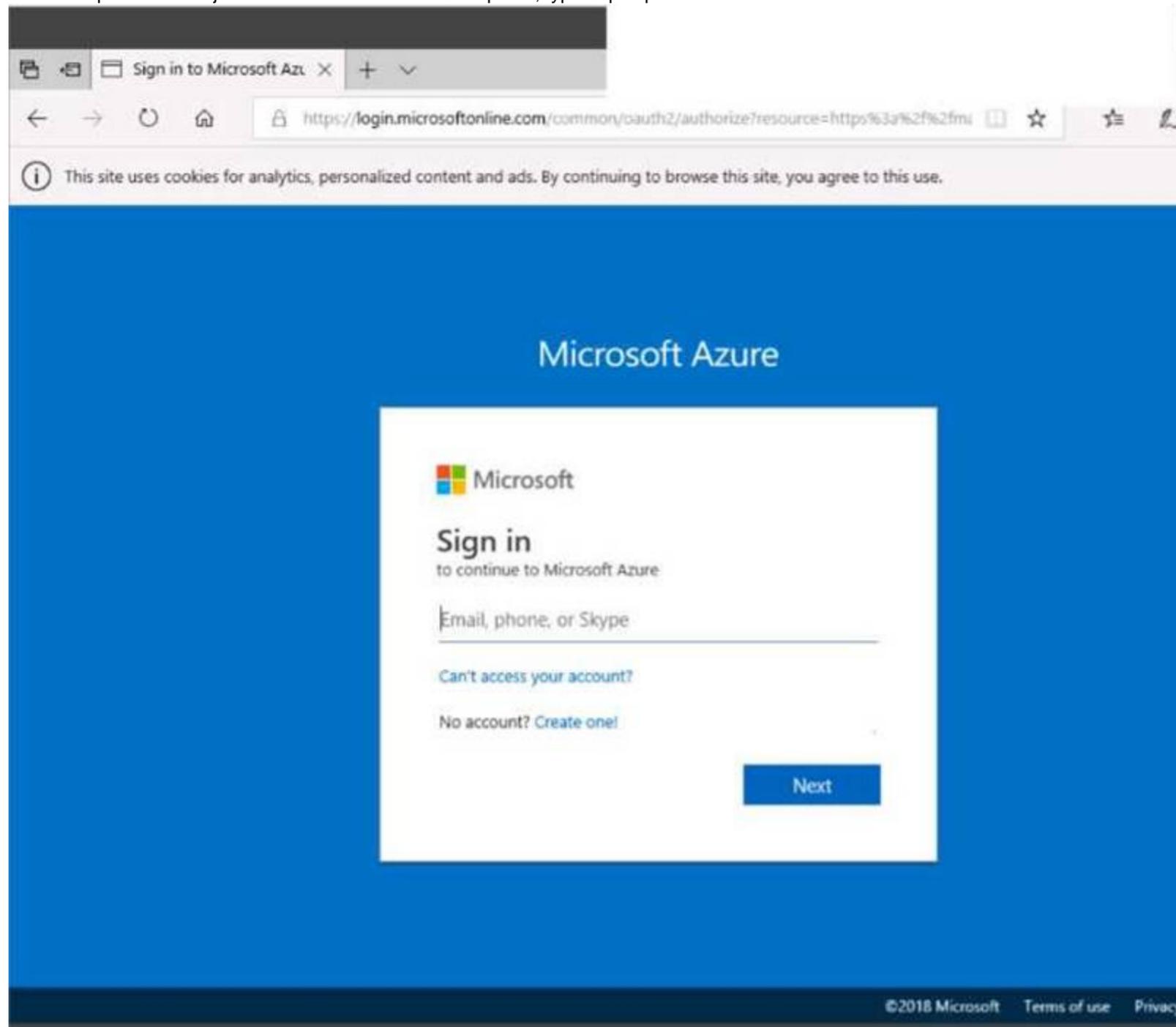
Storage accounts can be configured to allow access only from specific Azure Virtual Networks.

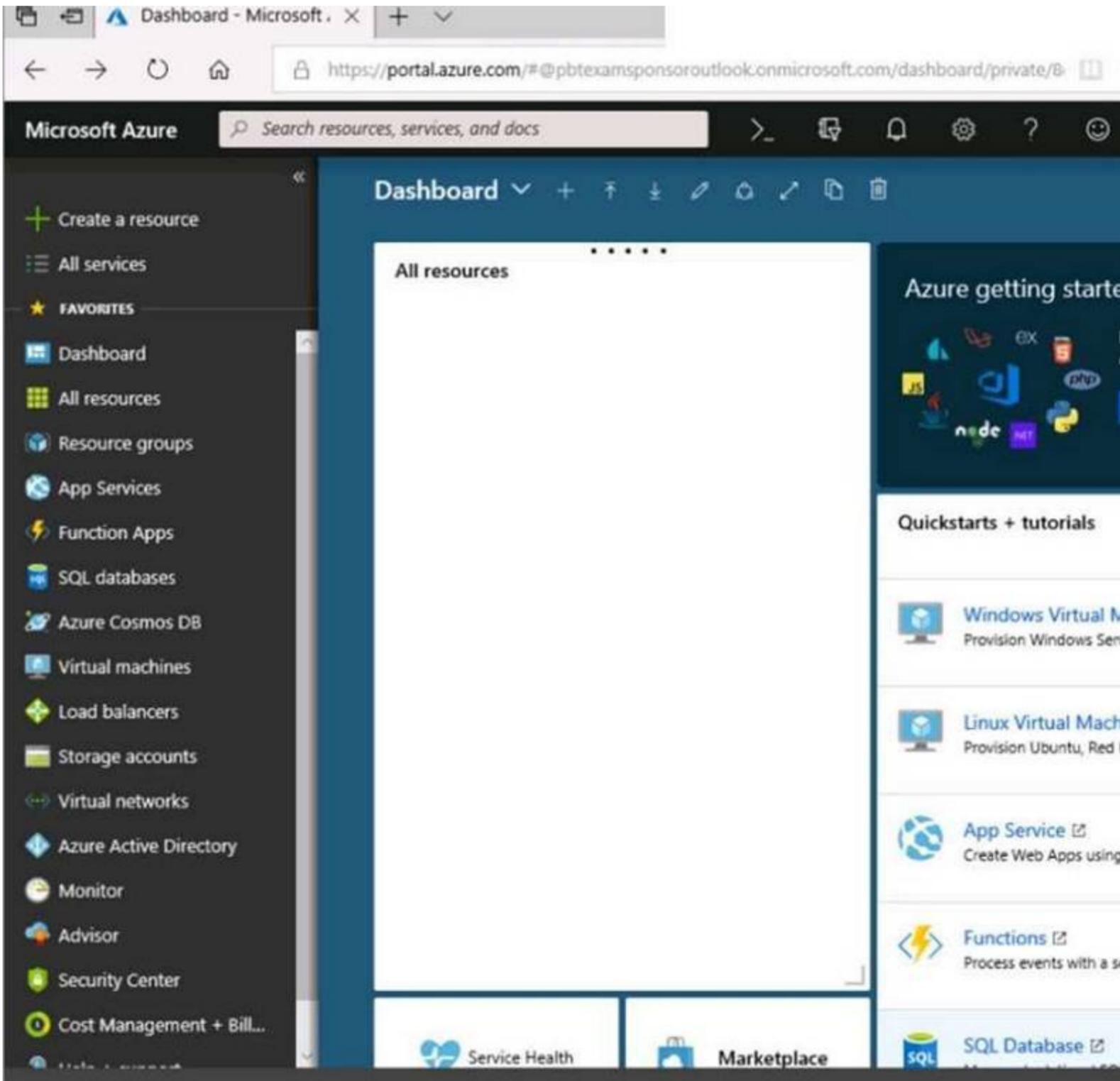
By enabling a Service Endpoint for Azure Storage within the Virtual Network, traffic is ensured an optimal route to the Azure Storage service. The identities of the virtual network and the subnet are also transmitted with each request.

References: <https://docs.microsoft.com/en-us/azure/storage/common/storage-network-security>

NEW QUESTION 35

Click to expand each objective. To connect to the Azure portal, type <https://portal.azure.com> in the browser address bar.





- Instructions
- Comments
- Controls Available
- Keyboard Shortcuts Available

Tasks

Click to expand each objective

- Configure servers
 - Add the "Print and Document Services" role to server LON-SVRT, installing any required management features and enabling both Print and LPD Services.
- + Configure file and share access

When you are finished performing all the tasks, click the 'Next' button.

Note that you cannot return to the lab once you click the 'Next' button. Scoring occur in the background while you complete the rest of the exam.

Overview

The following section of the exam is a lab. In this section, you will perform a set of tasks in a live environment. While most functionality will be available to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to navigate to external websites) will not be possible by design. Scoring is based on the outcome of performing the tasks stated in the lab. In other words, it doesn't matter how you accomplish the task, if you successfully perform it, you will earn credit for that task.

Labs are not timed separately, and this exam may have more than one lab that you must complete. You can use as much time as you would like to complete each lab. But, you should manage your time appropriately to ensure that you are able to complete the lab(s) and all other sections of the exam in the time provided.

Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab

You may start the lab by clicking the Next button.

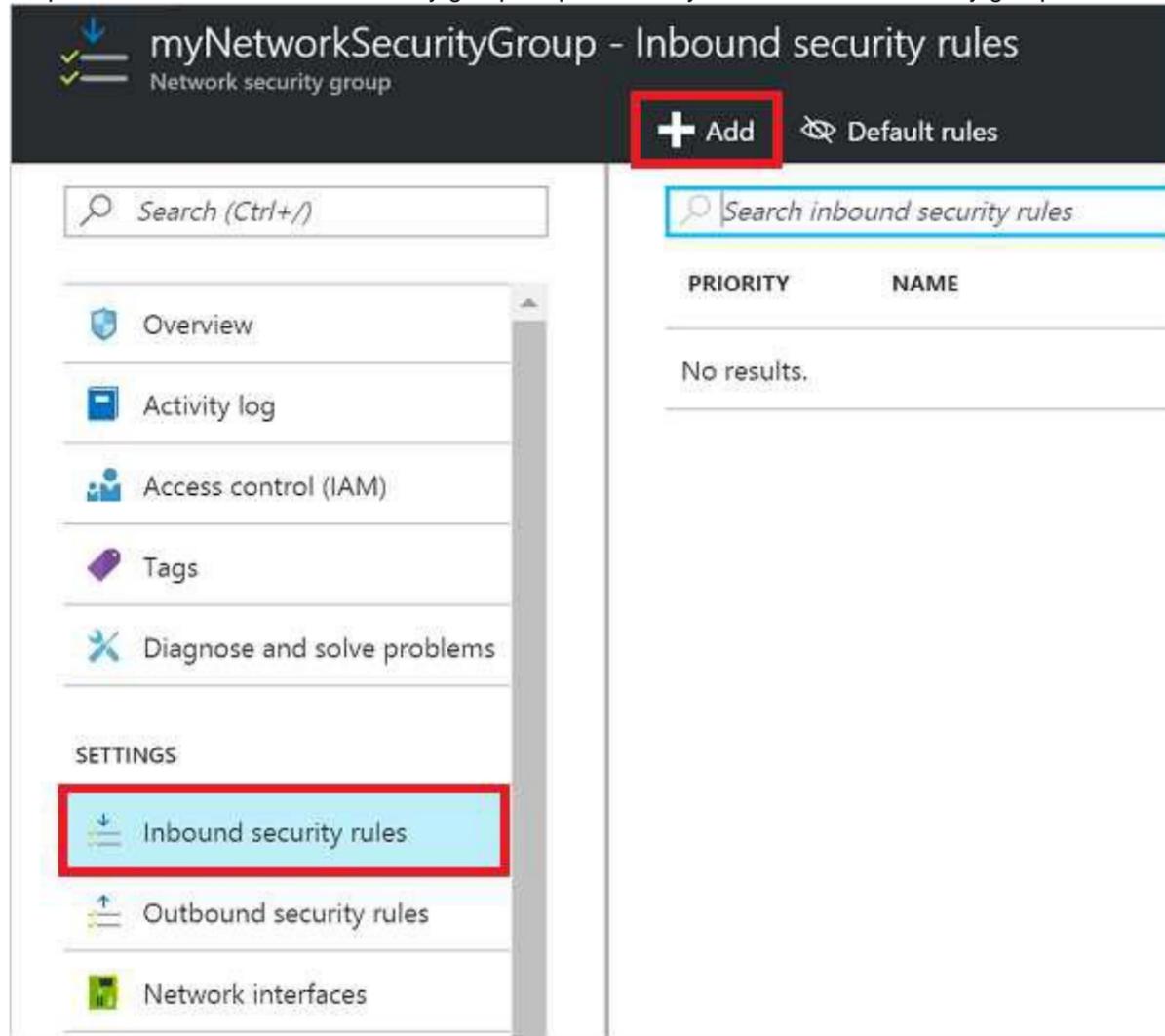
You need to allow RDP connections over TCP port 3389 to VM1 from the internet. The solution must prevent connections from the Internet over all other TCP ports.
 What should you do from the Azure portal?

- A. Mastered
- B. Not Mastered

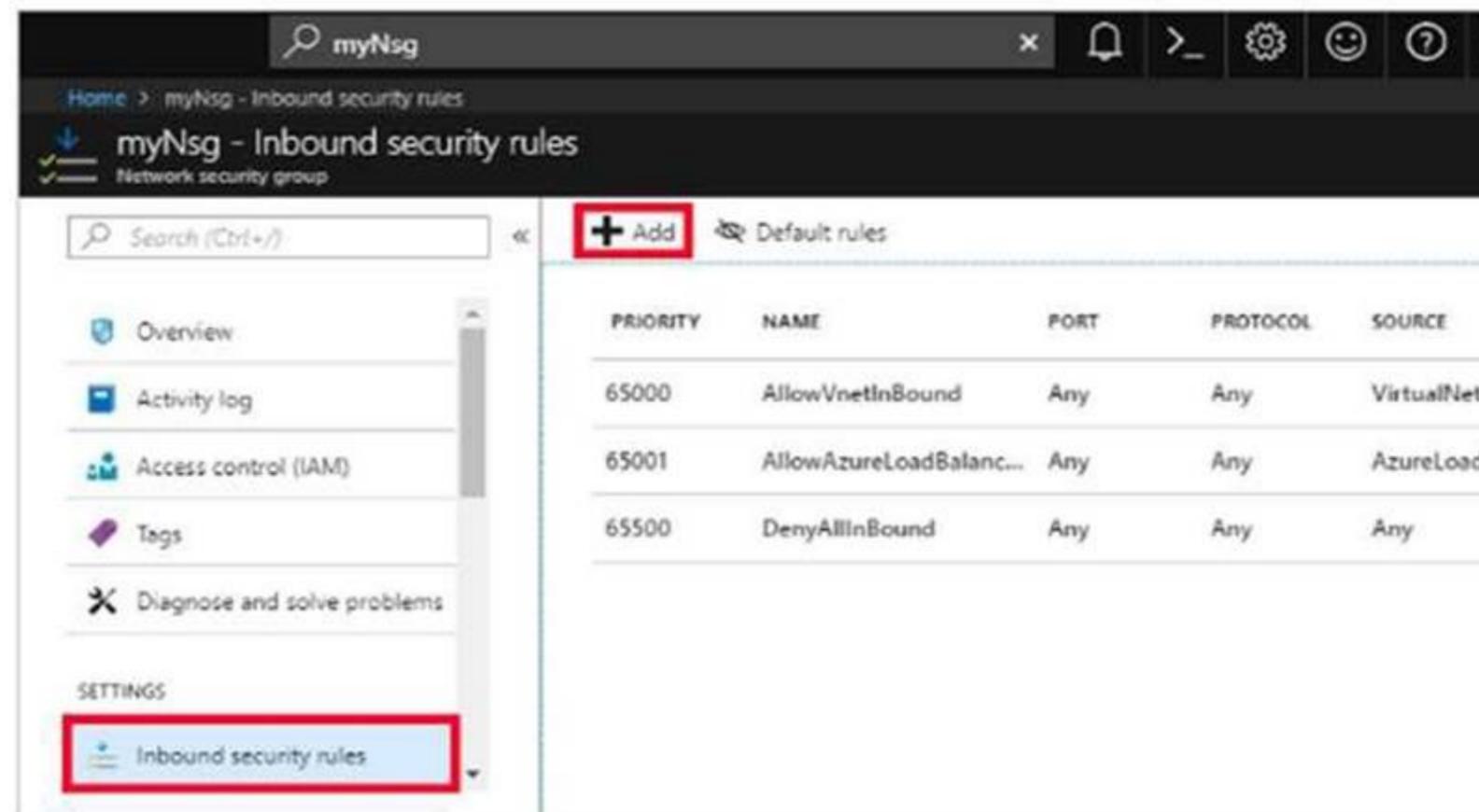
Answer: A

Explanation:

Step 1: Create a new network security group Step 2: Select your new network security group.



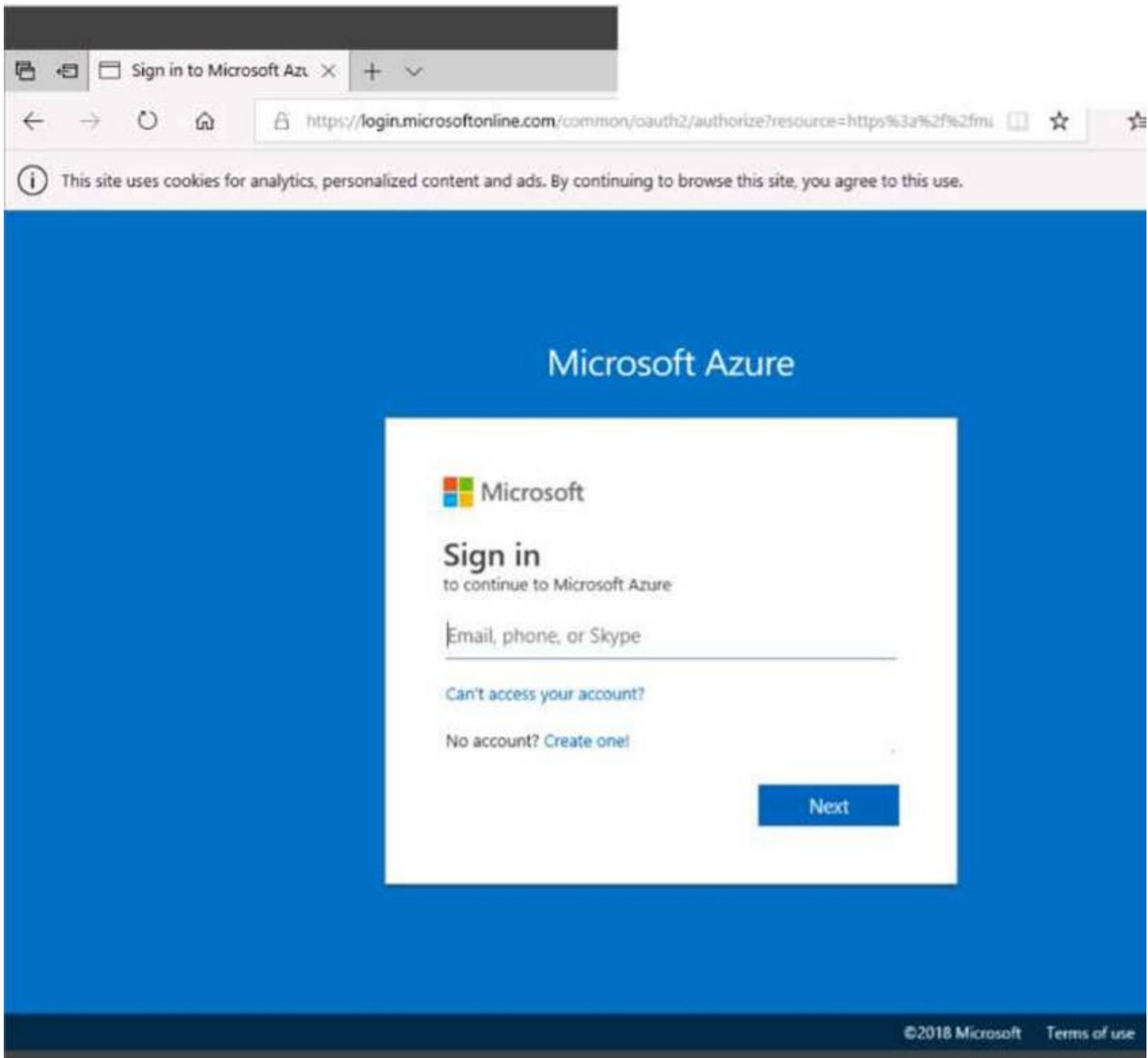
Step 3: Select Inbound security rules, . Under Add inbound security rule, enter the following
 Destination: Select Network security group, and then select the security group you created previously. Destination port ranges: 3389
 Protocol: Select TCP

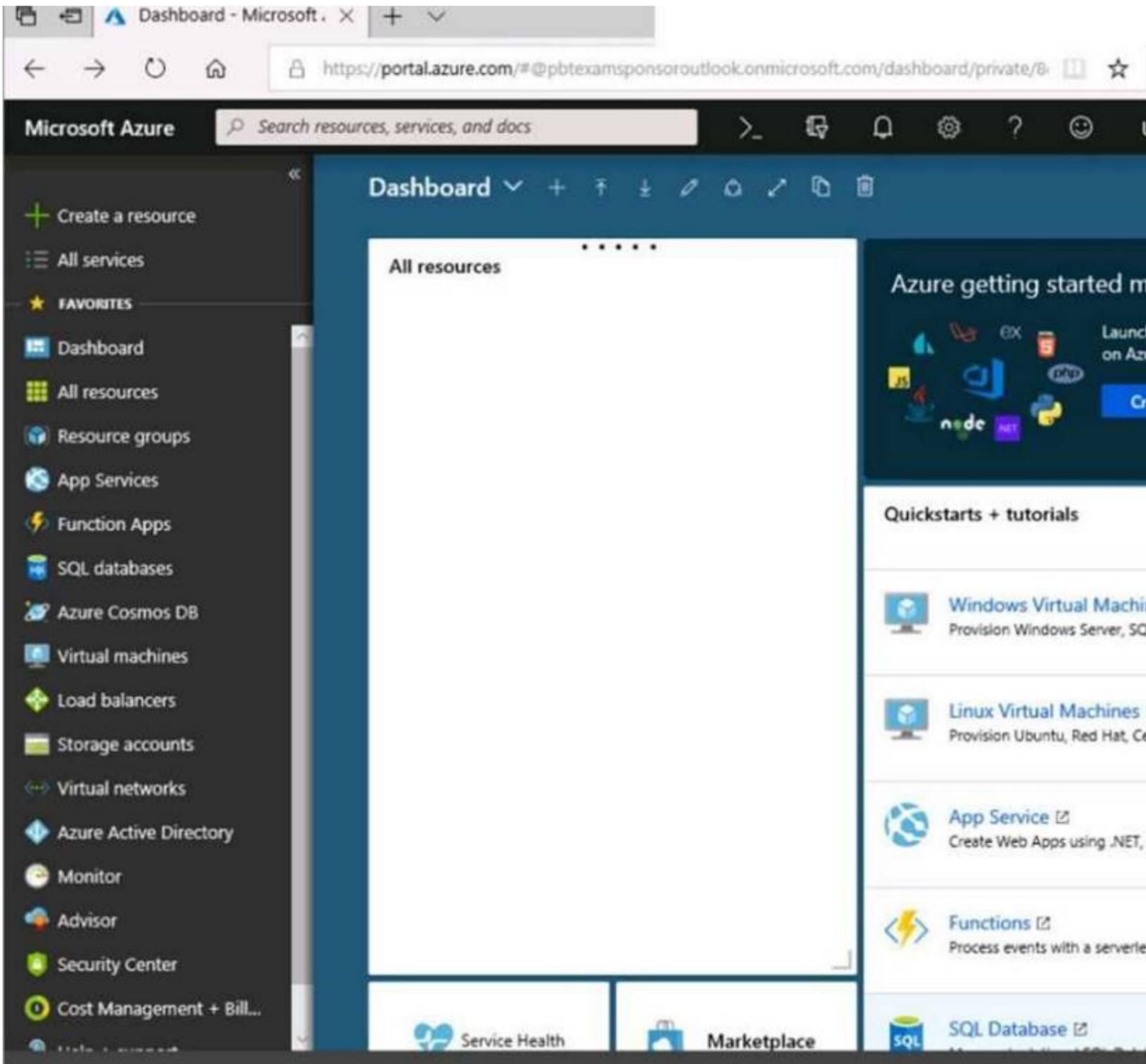


References: <https://docs.microsoft.com/en-us/azure/virtual-network/tutorial-filter-network-traffic>

NEW QUESTION 39

Click to expand each objective. To connect to the Azure portal, type <https://portal.azure.com> in the browser address bar.





Create storage account

✓ Validation passed

Basics Advanced Tags Review + create

BASICS

Subscription	Microsoft AZ-100 5
Resource group	corpdatalod7523690
Location	East US
Storage account name	corpdata7523690n1
Deployment model	Resource manager
Account kind	StorageV2 (general purpose v2)
Replication	Read-access geo-redundant storage (RA-GRS)
Performance	Standard
Access tier (default)	Hot

ADVANCED

Secure transfer required	Enabled
Hierarchical namespace	Disabled

Create

Previous

Next

[Download a template for automation](#)

Create storage account

Submitting deployment...
Submitting the deployment template f
'corpdata7523690'.

Basics Advanced Tags Review + create

BASICS

Subscription	Microsoft AZ-100 5
Resource group	corpdata7523690
Location	East US
Storage account name	corpdata7523690n1
Deployment model	Resource manager
Account kind	StorageV2 (general purpose v2)
Replication	Read-access geo-redundant storage (RA-GRS)
Performance	Standard
Access tier (default)	Hot

ADVANCED

Secure transfer required	Enabled
Hierarchical namespace	Disabled

Microsoft.StorageAccount-20181011170335 - Overview

Deployment

- Delete
- Cancel
- Redeploy
- Refresh

Overview

Outputs

Inputs

Template

Your deployment is underway

Check the status of your deployment, manage resources or troubleshoot deployment issues. Pin this page to your dashboard to easily find it next time.



Deployment name: Microsoft.StorageAccount-20181011170335
Subscription: [Microsoft AZ-100 5](#)
Resource group: [corpdata1od7523690](#)

DEPLOYMENT DETAILS [\(Download\)](#)

Start time: 10/11/2018 5:04:06 PM
Duration: 17 seconds
Correlation ID: bd0806a4-d1bd-42db-be6b-55e0ec38f49b

RESOURCE	TYPE	STATUS	OPERATI...
No results.			

Create a virtual machine

! Validation failed. Required information is missing or not valid.

[Basics](#) • [Disks](#) [Networking](#) [Management](#) [Guest config](#) [Tags](#) [Review + create](#)

PRODUCT DETAILS

Ubuntu Server 18.04 LTS

by Canonical

[Terms of use](#) | [Privacy policy](#)

Standard D2s v3

by Microsoft

[Terms of use](#) | [Privacy policy](#)

Pricing not available for this offering

View [Pricing details](#) for more information.

Subscription credits apply ⓘ

0.0960 USD/hr

[Pricing for other VM sizes](#)

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

When you are finished performing all the tasks, click the 'Next' button.

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Overview

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Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab

You may start the lab by clicking the Next button.

You plan to create 100 Azure virtual machines on each of the following three virtual networks:

? VNET1005a

? VNET1005b

? VNET1005c

All the network traffic between the three virtual networks will be routed through VNET1005 a.

You need to create the virtual networks, and then to ensure that all the Azure virtual machines can connect to other virtual machines by using their private IP address. The solution must NOT require any virtual network gateways and must minimize costs.

What should you do from the Azure portal before you configure IP routing?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Click Create a resource in the portal.

Step 2: Enter Virtual network in the Search the Marketplace box at the top of the New pane that appears. Click Virtual network when it appears in the search results.

Step 3: Select Classic in the Select a deployment model box in the Virtual Network pane that appears, then click Create.

Step 4: Enter the following values on the Create virtual network (classic) pane and then click Create: Name: VNET1005a

Address space: 10.0.0.0/16 Subnet name: subnet0 Resource group: Create new

Subnet address range: 10.0.0.0/24

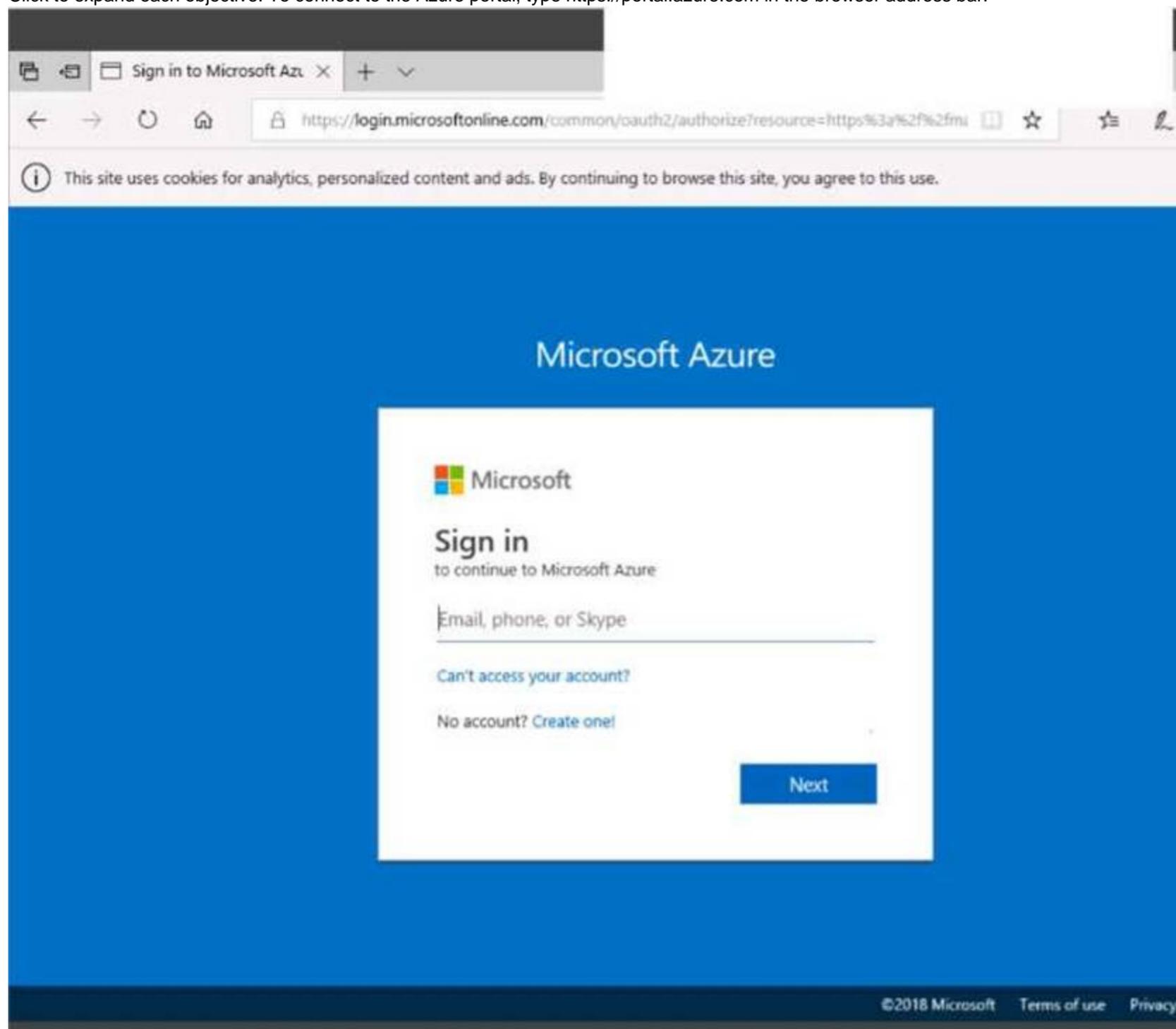
Subscription and location: Select your subscription and location.

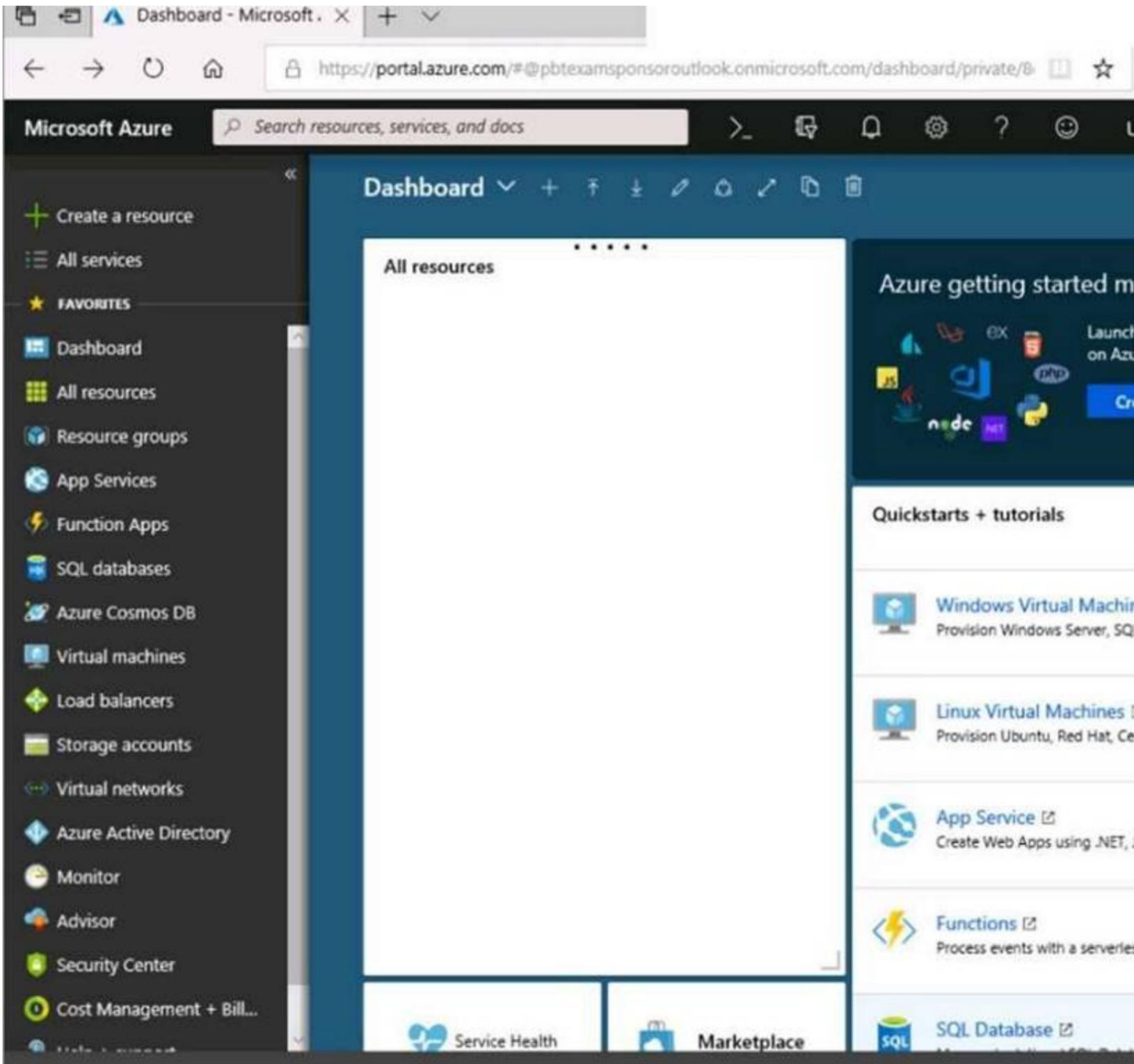
Step 5: Repeat steps 3-5 for VNET1005b (10.1.0.0/16, 10.1.0.0/24), and for VNET1005c 10.2.0.0/16, 10.2.0.0/24).

References: <https://docs.microsoft.com/en-us/azure/virtual-network/create-virtual-network-classic>

NEW QUESTION 41

Click to expand each objective. To connect to the Azure portal, type https://portal.azure.com in the browser address bar.





Create storage account

✓ Validation passed

Basics Advanced Tags Review + create

BASICS

Subscription	Microsoft AZ-100 5
Resource group	corpdatalod7523690
Location	East US
Storage account name	corpdata7523690n1
Deployment model	Resource manager
Account kind	StorageV2 (general purpose v2)
Replication	Read-access geo-redundant storage (RA-GRS)
Performance	Standard
Access tier (default)	Hot

ADVANCED

Secure transfer required	Enabled
Hierarchical namespace	Disabled

Create

Previous

Next

[Download a template for automation](#)

Create storage account

*** Submitting deployment...
Submitting the deployment template for: 'corpdatalod7523690'.

Basics Advanced Tags Review + create

BASICS

Subscription	Microsoft AZ-100 5
Resource group	corpdatalod7523690
Location	East US
Storage account name	corpdata7523690n1
Deployment model	Resource manager
Account kind	StorageV2 (general purpose v2)
Replication	Read-access geo-redundant storage (RA-GRS)
Performance	Standard
Access tier (default)	Hot

ADVANCED

Secure transfer required	Enabled
Hierarchical namespace	Disabled

Microsoft.StorageAccount-20181011170335 - Overview

Deployment

- Delete
- Cancel
- Redeploy
- Refresh

Overview

Outputs

Inputs

Template

Your deployment is underway

Check the status of your deployment, manage resources, or troubleshoot deployment issues. Pin this page to your dashboard to easily find it next time.



Deployment name: Microsoft.StorageAccount-20181011170335
Subscription: [Microsoft AZ-100 5](#)
Resource group: [corpdatalod7523690](#)

DEPLOYMENT DETAILS [\(Download\)](#)

Start time: 10/11/2018 5:04:06 PM
Duration: 17 seconds
Correlation ID: bd0806a4-d1bd-42db-be6b-55e0ec38f49b

RESOURCE	TYPE	STATUS	OPERATI...
No results.			

Create a virtual machine

 Validation failed. Required information is missing or not valid.

[Basics](#) • [Disks](#) [Networking](#) [Management](#) [Guest config](#) [Tags](#) [Review + create](#)

PRODUCT DETAILS

Ubuntu Server 18.04 LTS

by Canonical

[Terms of use](#) | [Privacy policy](#)

Standard D2s v3

by Microsoft

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Pricing not available for this offering

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Subscription credits apply 

0.0960 USD/hr

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TERMS

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Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab

You may start the lab by clicking the Next button.

You plan to create several virtual machines in different availability zones, and then to configure the virtual machines for load balanced connections from the Internet.

You need to create an IP address resource named ip1006 to support the planned load balancing solution. The solution must minimize costs.

What should you do from the Azure portal?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

We should create a public IP address.

1. At the top, left corner of the portal, select + Create a resource.
2. Enter public ip address in the Search the Marketplace box. When Public IP address appears in the search results, select it.
3. Under Public IP address, select Create.
4. Enter, or select values for the following settings, under Create public IP address, then select Create:
Name: ip1006 SKU: Basic SKU IP Version: IPv6
IP address assignment: Dynamic Subscription: Select appropriate Resource group: Select appropriate
References: <https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-public-ip-address>

NEW QUESTION 46

You have an Azure tenant that contains two subscriptions named Subscription1 and Subscription2.

In Subscription1, you deploy a virtual machine named Server1 that runs Windows Server 2016. Server1 uses managed disks.

You need to move Server1 to Subscription2. The solution must minimize administration effort. What should you do first?

- A. In Subscription2, create a copy of the virtual disk.
- B. From Azure PowerShell, run the Move-AzureRmResource cmdlet.

- C. Create a snapshot of the virtual disk.
- D. Create a new virtual machine in Subscription2.

Answer: B

Explanation:

To move existing resources to another resource group or subscription, use the Move-AzureRmResource cmdlet. References: <https://docs.microsoft.com/en-in/azure/azure-resource-manager/resource-group-move-resources#moveresources>

NEW QUESTION 51

You have an Azure subscription that contains a resource group named RG1. RG1 contains 100 virtual machines. Your company has three cost centers named Manufacturing, Sales, and Finance. You need to associate each virtual machine to a specific cost center. What should you do?

- A. Add an extension to the virtual machines.
- B. Modify the inventory settings of the virtual machine.
- C. Assign tags to the virtual machines.
- D. Configure locks for the virtual machine.

Answer: C

Explanation:

References: <https://docs.microsoft.com/en-us/azure/billing/billing-getting-started> <https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-using-tags>

NEW QUESTION 52

You have an Azure policy as shown in the following exhibit.

SCOPE

* Scope ([Learn more about setting the scope](#))

Subscription 1

Exclusions

Subscription 1/ContosoRG1

BASICS

* Policy definition

Not allowed resource types

* Assignment name ⓘ

Not allowed resource types

Assignment ID

/subscriptions/3eb8d0b6-ce3b-4ce0-a631-9f5321bedabb/providers/Microsoft.Authorization/policyAssignments/0e6fb866b854f54accae2a9

Description

Assigned by:

admin1@contoso.com

PARAMETERS

* Not allowed resource types ⓘ

Microsoft.Sql/servers

Which of the following statements are true?
 Which of the following statements are true?

- A. You can create Azure SQL servers in ContosoRG1.
- B. You are prevented from creating Azure SQL servers anywhere in Subscription 1.
- C. You are prevented from creating Azure SQL Servers in ContosoRG1 only.
- D. You can create Azure SQL servers in any resource group within Subscription 1.

Answer: A

Explanation:

You are prevented from creating Azure SQL servers anywhere in Subscription 1 with the exception of ContosoRG1

NEW QUESTION 53

Overview

The following section of the exam is a lab. In this section, you will perform a set of tasks in a live environment. While most functionality will be available to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to navigate to external websites) will not be possible by design. Scoring is based on the outcome of performing the tasks stated in the lab. In other words, it doesn't matter how you accomplish the task, if you successfully

perform it, you will earn credit for that task.

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Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab

You may start the lab by clicking the Next button.

You plan to prevent users from accidentally deleting blob data from Azure.

You need to ensure that administrators can recover any blob data that is deleted accidentally from the storagelod8095859 storage account for 14 days after the deletion occurred.

What should you do from the Azure portal?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

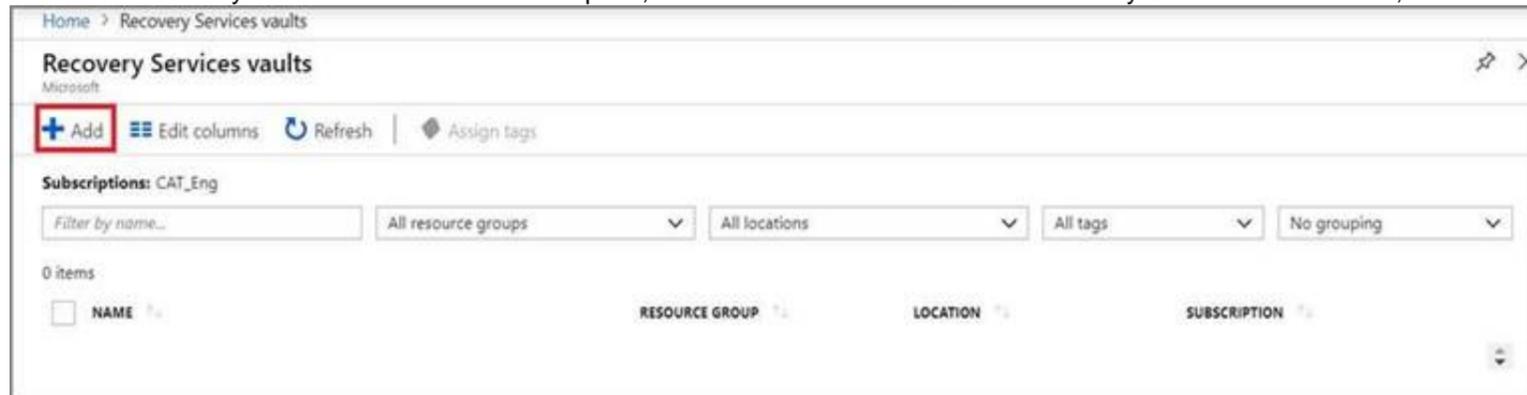
Answer:

See explanation below.

Task A: Create a Recovery Services vault (if a vault already exists skip this task, go to Task B below) A1. From Azure Portal, On the Hub menu, click All services and in the list of resources, type Recovery Services and click Recovery Services vaults.



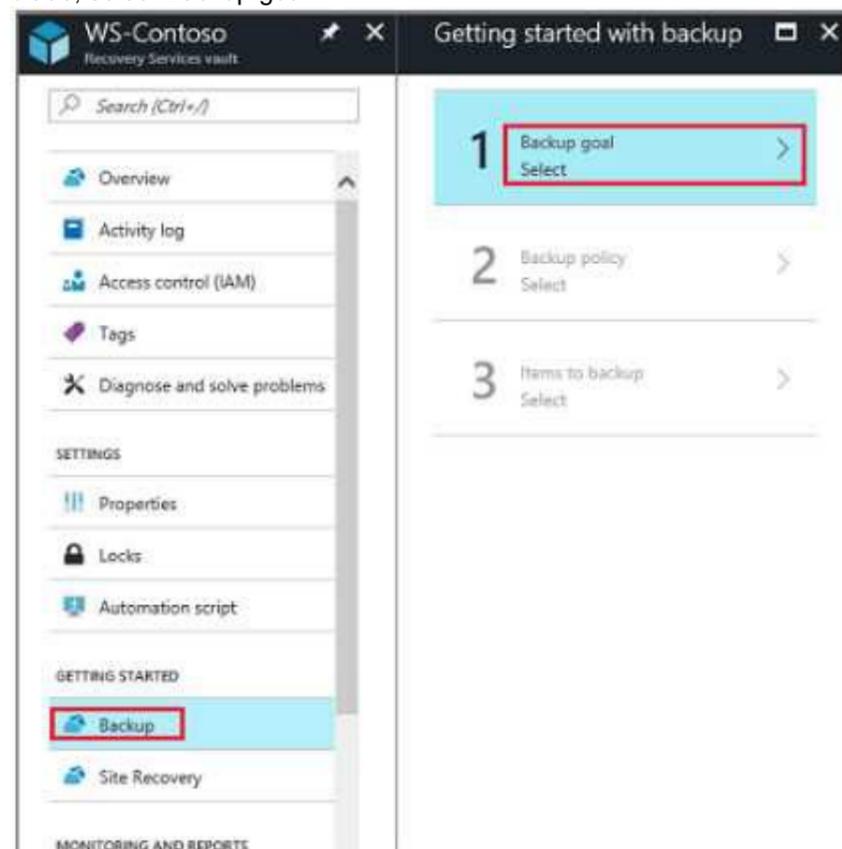
If there are recovery services vaults in the subscription, the vaults are listed. A2. On the Recovery Services vaults menu, click Add.



A3. The Recovery Services vault blade opens, prompting you to provide a Name, Subscription, Resource group, and Location

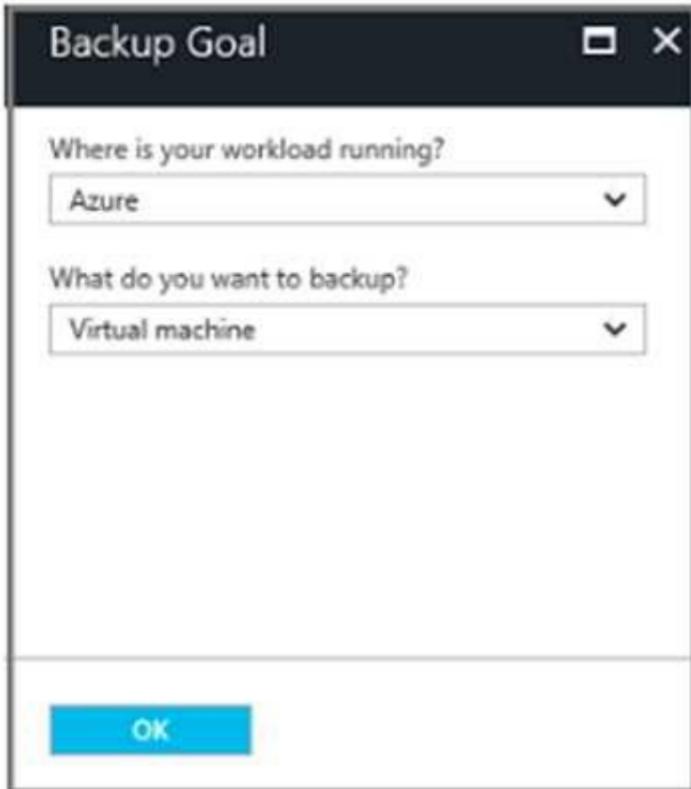
Task B. Create a backup goal

B1. On the Recovery Services vault blade (for the vault you just created), in the Getting Started section, click Backup, then on the Getting Started with Backup blade, select Backup goal.



The Backup Goal blade opens. If the Recovery Services vault has been previously configured, then

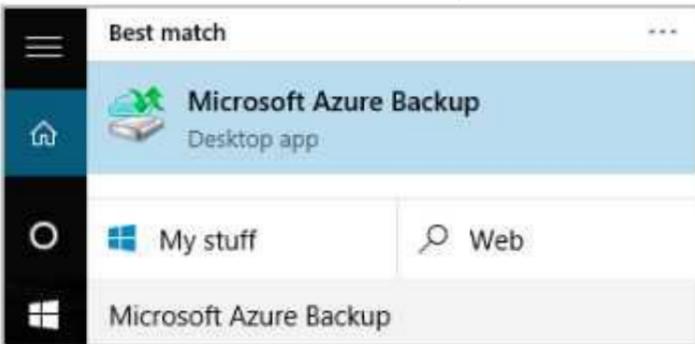
the Backup Goal blades opens when you click Backup on the Recovery Services vault blade. B2. From the Where is your workload running? drop-down menu, select Azure.



B3. From the What do you want to backup? menu, select Blob Storage, and click OK.
 B4. Finish the Wizard.

Task C. create a backup schedule

C1. Open the Microsoft Azure Backup agent. You can find it by searching your machine for Microsoft Azure Backup.



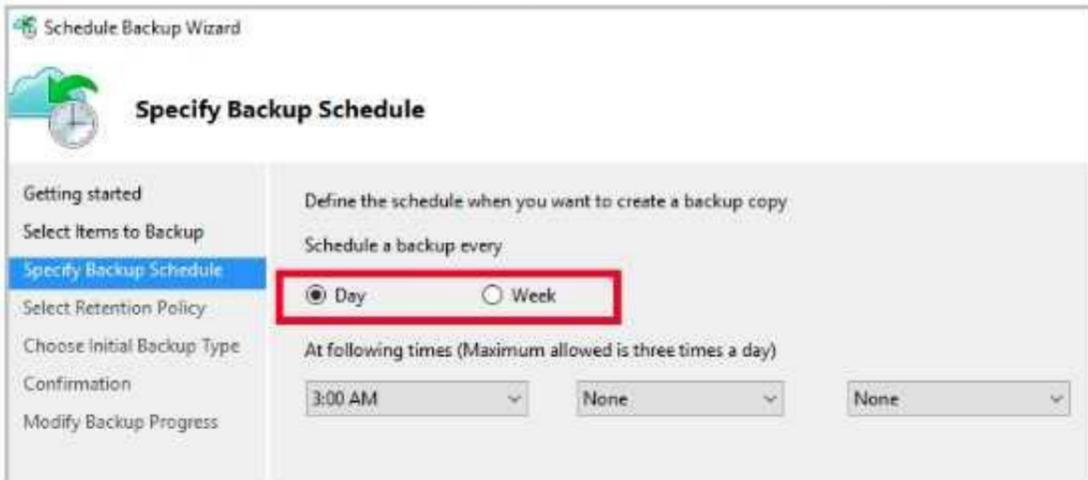
C2. In the Backup agent's Actions pane, click Schedule Backup to launch the Schedule Backup Wizard.



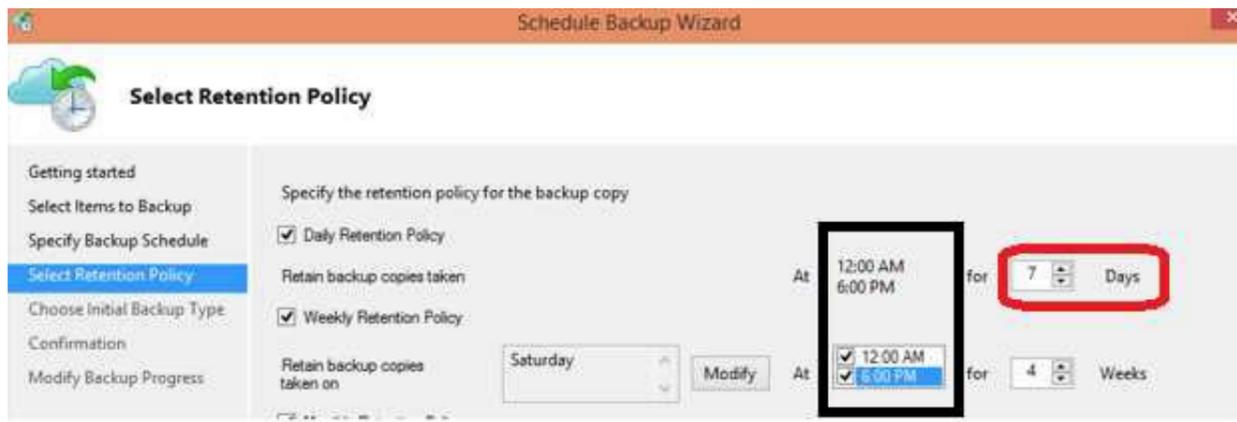
C3. On the Getting started page of the Schedule Backup Wizard, click Next.

C4. On the Select Items to Backup page, click Add Items. The Select Items dialog opens.

C5. Select Blob Storage you want to protect, and then click OK. C6. In the Select Items to Backup page, click Next. On the Specify Backup Schedule page, specify Schedule a backup every day, and click Next.



C7. On the Select Retention Policy page, set it to 14 days, and click Next.



C8. Finish the Wizard. References:
<https://docs.microsoft.com/en-us/azure/backup/backup-configure-vault>

NEW QUESTION 56

Overview

The following section of the exam is a lab. In this section, you will perform a set of tasks in a live environment. While most functionality will be available to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to navigate to external websites) will not be possible by design. Scoring is based on the outcome of performing the tasks stated in the lab. In other words, it doesn't matter how you accomplish the task, if you successfully perform it, you will earn credit for that task. Labs are not timed separately, and this exam may have more than one lab that you must complete. You can use as much time as you would like to complete each lab. But, you should manage your time appropriately to ensure that you are able to complete the lab(s) and all other sections of the exam in the time provided.

Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab

You may start the lab by clicking the Next button.

Your company plans to host in Azure the source files of several line-of-business applications.

You need to create an Azure file share named corpsoftware in the storagelod8095859 storage account. The solution must ensure the corpsoftware can store only up to 250 GB of data.

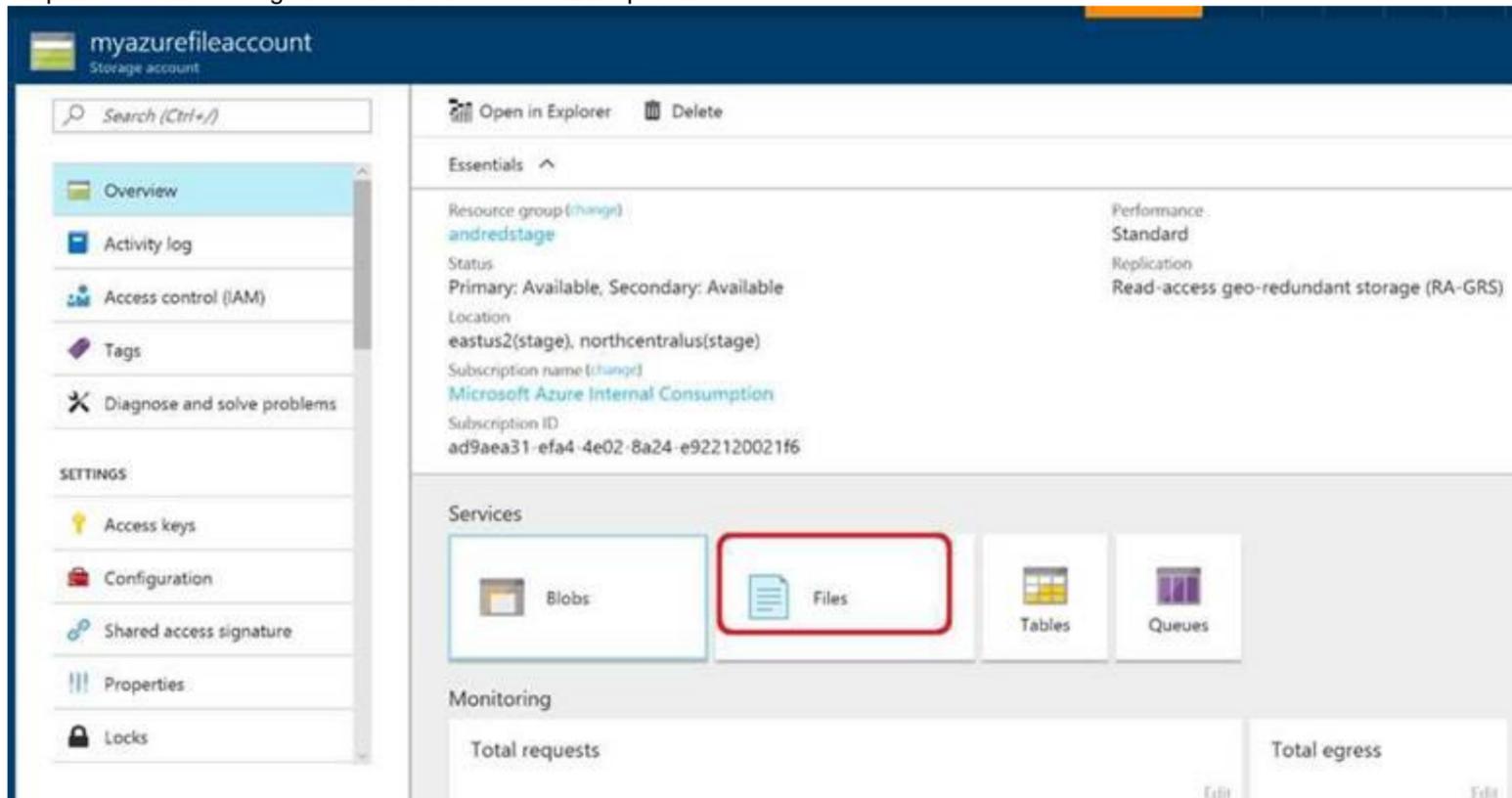
What should you do from the Azure portal?

- A. Mastered
- B. Not Mastered

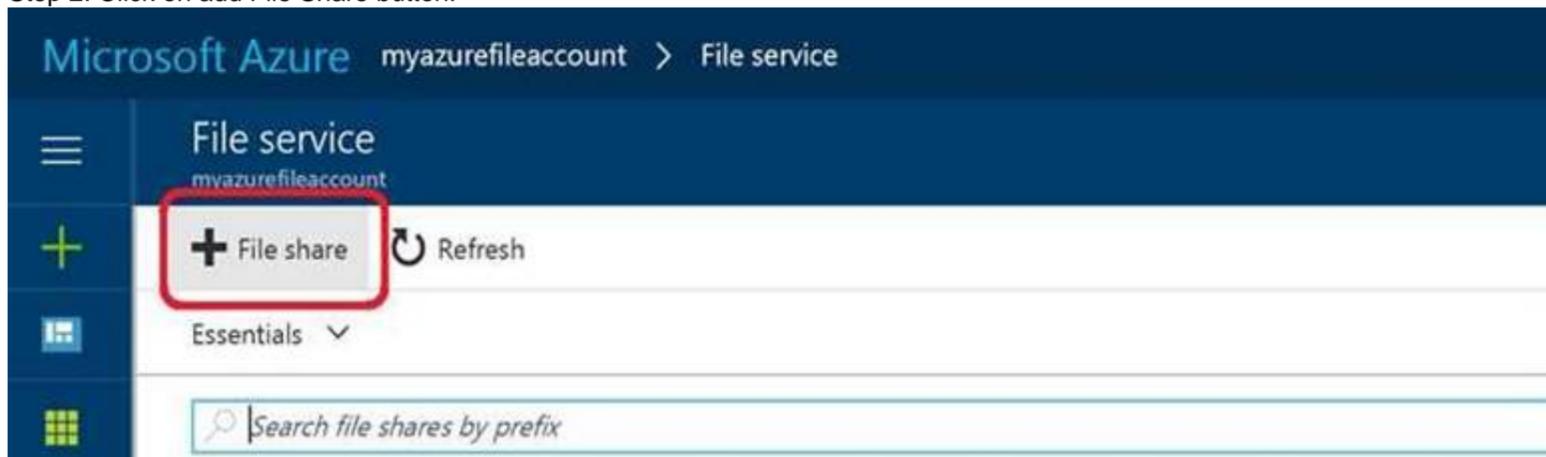
Answer: A

Explanation:

Step 1. Go to the Storage Account blade on the Azure portal:



Step 2. Click on add File Share button:



Step 3. Provide Name (storagelod8095859) and Quota (250 GB).

New file share
 File service (myazurefileaccount)

* Name
 myfirstazurefileshare

Quota ⓘ
 5120

References:
<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-create-file-share>

NEW QUESTION 58
 HOTSPOT

You plan to deploy 20 Azure virtual machines by using an Azure Resource Manager template. The virtual machines will run the latest version of Windows Server 2016 Datacenter by using an Azure Marketplace image. You need to complete the storageProfile section of the template. How should you complete the storageProfile section? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```
"storageProfile": {
  "imageReference": {
    "publisher": "MicrosoftWindowsServer",
    "offer": [
      "2016-Datacenter",
      "WindowsClient",
      "Windows-Hub",
      "WindowsServer",
      "WindowsServerEssentials",
      "WindowsServerSemiAnnual",
    ],
    "sku": [
      "2016-Datacenter",
      "WindowsClient",
      "Windows-Hub",
      "WindowsServer",
      "WindowsServerEssentials",
      "WindowsServerSemiAnnual",
    ],
    "version": "latest"
  }
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
... "storageProfile": {
  "imageReference": {
    "publisher": "MicrosoftWindowsServer", "offer": "WindowsServer",
    "sku": "2016-Datacenter", "version": "latest"
  },
  ...
```

References:
<https://docs.microsoft.com/en-us/rest/api/compute/virtualmachines/createorupdate>

NEW QUESTION 60

You have a virtual network named VNet1 as shown in the exhibit. (Click the Exhibit tab.)

Refresh	Move	Delete
Resource group (change) Production		Address space 10.2.0.0/16
Location West US		DNS servers Azure provided DNS service
Subscription (change) Production subscription		
Subscription ID 14d26092-8e42-4ea7-b770-9dcef70fb1ea		
Tags (change) Click here to add tags		

Connected devices

DEVICE	TYPE	IP ADDRESS	SUBNET
No results.			

No devices are connected to VNet1.
 You plan to peer VNet1 to another virtual network named VNet2 in the same region. VNet2 has an address space of 10.2.0.0/16.
 You need to create the peering. What should you do first?

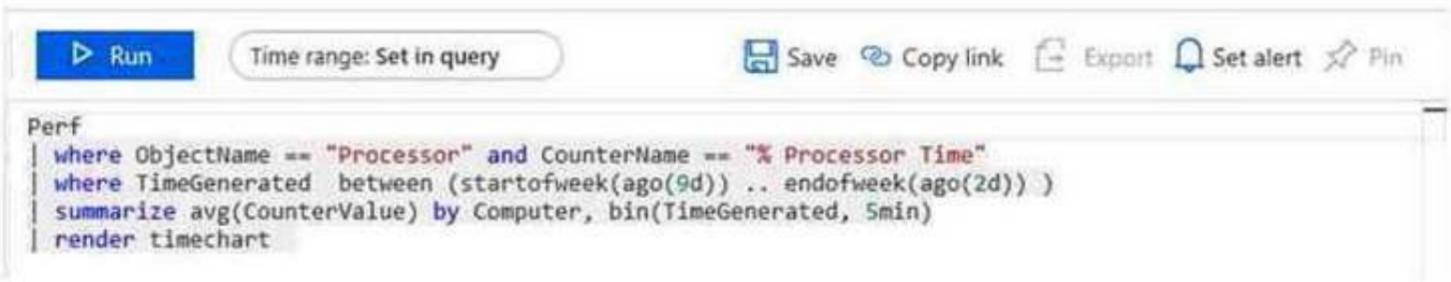
- A. Configure a service endpoint on VNet2.
- B. Modify the address space of VNet1.
- C. Add a gateway subnet to VNet1.
- D. Create a subnet on VNet1 and VNet2.

Answer: B

Explanation:
 The virtual networks you peer must have non-overlapping IP address spaces. The exhibit indicates that VNet1 has an address space of 10.2.0.0/16, which is the same as VNet2, and thus overlaps. We need to change the address space for VNet1.
 References:
<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-manage-peering#requirements-and-constraints>

NEW QUESTION 62
 HOTSPOT

You have an Azure subscription that contains several virtual machines and an Azure Log Analytics workspace named Workspace1. You create a log search query as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
 NOTE: Each correct selection is worth one point.

Answer Area

If you run the query on Monday, the query will return the events from the last [answer choice].

- 1 day
- 7 days
- 8 days
- 14 days
- 21 days

The query results will be displayed in a [answer choice].

- table that has two columns
- table that has three columns
- graph that has the Computer values on the Y axis
- graph that has the avg(CounterValue) values on the Y axis

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 14 days

Two weeks will be covered.

Note: Startofweek returns the start of the week containing the date, shifted by an offset, if provided. Start of the week is considered to be a Sunday.

Endofweek returns the end of the week containing the date, shifted by an offset, if provided. Last day of the week is considered to be a Saturday.

Box 2:

The render operator renders results in as graphical output. Timechart is a Line graph, where the first column is x-axis, and should be datetime. Other columns are y-axes. In this case the Y axis has avg(CounterValue) Values.

References:

<https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/log-query-overview>

https://docs-analytics-eus.azurewebsites.net/queryLanguage/query_language_renderoperator.html

NEW QUESTION 66

HOTSPOT

You have an Azure subscription that contains a virtual network named VNet1. VNet1 uses an IP address space of 10.0.0.0/16 and contains the subnets in the following table.

Name	IP address range
Subnet0	10.0.0.0/24
Subnet1	10.0.1.0/24
Subnet2	10.0.2.0/24
GatewaySubnet	10.0.254.0/24

Subnet1 contains a virtual appliance named VM1 that operates as a router. You create a routing table named RT1.

You need to route all inbound traffic to VNet1 through VM1.

How should you configure RT1? To answer, select the appropriate options in the answer are a.

NOTE: Each correct selection is worth one point.

Answer Area

Address prefix:

Next hop type:

Assigned to:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Address prefix	<input type="text" value="10.0.0.0/16"/>
	<ul style="list-style-type: none">10.0.0.0/1610.0.1.0/2410.0.254.0/24
Next hop type:	<input type="text" value="Virtual appliance"/>
	<ul style="list-style-type: none">Virtual applianceVirtual networkVirtual network gateway
Assigned to:	<input type="text" value="GatewaySubnet"/>
	<ul style="list-style-type: none">GatewaySubnetSubnet0Subnet1 and Subnet2

NEW QUESTION 70

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure web app named App1. App1 runs in an Azure App Service plan named Plan1. Plan1 is associated to the Free pricing tier.

You discover that App1 stops each day after running continuously for 60 minutes. You need to ensure that App1 can run continuously for the entire day.

Solution: You change the pricing tier of Plan1 to Basic. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

The Free Tier provides 60 CPU minutes / day. This explains why App1 is stops. The Basic tier has no such cap.

References:

<https://azure.microsoft.com/en-us/pricing/details/app-service/windows/>

NEW QUESTION 74

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure Active Directory (Azure AD) tenant named Adatum and an Azure Subscription contains a resource group named Dev.d Subscription1. Adatum contains a group named Developers. Subscription1

You need to provide the Developers group with the ability to create Azure logic apps in the; Dev, resource group.

Solution: On Dev, you assign the Logic App Contributor role to the Developers group.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

The Logic App Contributor role lets you manage logic app, but not access to them. It provides access to view, edit, and update a logic app.

References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles> <https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-securing-a-logic-app>

NEW QUESTION 76

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure Active Directory (Azure AD) tenant named Adatum and an Azure Subscription named Subscription1. Adatum contains a group named Developers. Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Subscription1, you assign the Logic App Operator role to the Developers group. Does this meet the goal?

- A. Yes

B. No

Answer: B

Explanation:

The Logic App Operator role only lets you read, enable and disable logic app. With it you can view the logic app and run history, and enable/disable. Cannot edit or update the definition.

You would need the Logic App Contributor role. References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles> <https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-securing-a-logic-app>

NEW QUESTION 80

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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You have an Azure Active Directory (Azure AD) tenant named Adatum and an Azure Subscription named Subscription1. Adatum contains a group named Developers. Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Subscription1, you assign the DevTest Labs User role to the Developers group. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

DevTest Labs User role only lets you connect, start, restart, and shutdown virtual machines in your Azure DevTest Labs.

You would need the Logic App Contributor role. References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles> <https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-securing-a-logic-app>

NEW QUESTION 85

DRAG DROP

You have an Azure subscription that contains an Azure Service Bus named Bus1.

Your company plans to deploy two Azure web apps named App1 and App2. The web apps will create messages that have the following requirements:

? Each message created by App1 must be consumed by only a single consumer

? Each message created by App2 will be consumed by multiple consumers.

Which resource should you create for each web app? To answer, drag the appropriate resources to the correct web apps. Each resource may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Resource

A Service Bus queue	A Service Bus topic
An Azure Event Grid topic	Azure Blob storage

Answer Area

App1	<input type="text"/>
App2	<input type="text"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

App1	A Service Bus queue
App2	A Service Bus topic

NEW QUESTION 89

A web developer creates a web application that you plan to deploy as an Azure web app.

Users must enter credentials to access the web application.

You create a new web app named WebApp1 and deploy the web application to WebApp1.

You need to disable anonymous access to WebApp1. What should you configure?

- A. Advanced Tools
- B. Authentication/ Authorization
- C. Access control (IAM)
- D. Deployment credentials

Answer: B

Explanation:

Anonymous access is an authentication method. It allows users to establish an anonymous connection.

References:

<https://docs.microsoft.com/en-us/biztalk/core/guidelines-for-resolving-iis-permissions-problems>

NEW QUESTION 90

You have an Azure App Service plan named AdatumASP1 that uses the P2v2 pricing tier. AdatumASP1 hosts MI Azure web app named adatumwebapp1. You need to delegate the management of adatumwebapp1 to a group named Devs. Devs must be able to perform the following tasks:

- Add deployment slots.
- View the configuration of AdatumASP1.
- Modify the role assignment for adatumwebapp1. Which role should you assign to the Devs group?

- A. Owner
- B. Contributor
- C. Web Plan Contributor
- D. Website Contributor

Answer: B

Explanation:

The Contributor role lets you manage everything except access to resources. Incorrect Answers:

A: The Owner role lets you manage everything, including access to resources.

C: The Web Plan Contributor role lets you manage the web plans for websites, but not access to them.

D: The Website Contributor role lets you manage websites (not web plans), but not access to them. References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>

NEW QUESTION 93**HOTSPOT**

You have an Azure web app named WebApp1.

You need to provide developers with a copy of WebApp1 that they can modify without affecting the production WebApp1. When the developers finish testing their changes, you must be able to switch the current line version of WebApp1 to the new version.

Which command should you run prepare the environment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

The screenshot shows a PowerShell command prompt with two dropdown menus. The first dropdown is for the command `New-AzureRmWebAppSlot` and the second is for the command `Switch-AzureRmWebAppSlot`. The first dropdown has the following options: `New-AzureRmWebApp`, `New-AzureRmWebAppBackup`, `New-AzureRMWebAppSlot`, and `Switch-AzureRmWebAppSlot`. The second dropdown has the following options: `-AseName`, `-DefaultProfile`, and `-SourceWebApp`.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: `New-AzureRmWebAppSlot`

The `New-AzureRmWebAppSlot` cmdlet creates an Azure Web App Slot in a given a resource group that uses the specified App Service plan and data center.

Box 2: `-SourceWebApp` References:

<https://docs.microsoft.com/en-us/powershell/module/azurerm.websites/new-azurermwebappslot>

NEW QUESTION 97

You have an Azure subscription.

Users access the resources in the subscription from either home or from customer sites. From home, users must establish a point-to-site VPN to access the Azure resources. The users on the customer sites access the Azure resources by using site-to-site VPNs.

You have a line-of-business app named App1 that runs on several Azure virtual machine. The virtual machines run Windows Server 2016.

You need to ensure that the connections to App1 are spread across all the virtual machines.

What are two possible Azure services that you can use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. a public load balancer
- B. Traffic Manager
- C. an Azure Content Delivery Network (CDN)
- D. an internal load balancer
- E. an Azure Application Gateway

Answer: DE

NEW QUESTION 101**DRAG DROP**

You have an on-premises network that you plan to connect to Azure by using a site-to-site VPN.

In Azure, you have an Azure virtual network named VNet1 that uses an address space of 10.0.0.0/16. VNet1 contains a subnet named Subnet1 that uses an address space of 10.0.0.0/24.

You need to create a site-to-site VPN to Azure.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
Create an Azure Content Delivery Network (CDN) profile.	
Create a VPN connection.	
Create a custom DNS server.	
Create a local gateway.	
Create a VPN gateway.	
Create a gateway subnet.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Note: More than one order of answer choices is correct.

Creating a local gateway (a logical object that represents the on-premise router) can be done at step 1, step 2 or step 3. The other three steps must be done in order: create gateway subnet then create VPN gateway then create the VPN connection. The VPN connection is a connection between the VPN gateway and the Local gateway.

NEW QUESTION 103

You plan to move services from your on-premises network to Azure.

You identify several virtual machines that you believe can be hosted in Azure. The virtual machines are shown in the following table.

Name	Role	Operating system (OS)	Environment
Sea-DC01	Domain controller	Windows Server 2016	Hyper-V on Server 2016
NYC-FS01	File server	Windows Server 2012 R2	VMware vC 5.1
BOS-DB01	Microsoft SQL server	Windows Server 2016	VMware vC 6
Sea-CA01	Certification authority (CA)	Windows Server 2012 R2	Hyper-V on Server 2016
Hou-NW01	DHCP/DNS	Windows Server 2008 R2	VMware vC 5.5

Which two virtual machines can you access by using Azure migrate? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Sea-CA01
- B. Hou-NW01
- C. NYC-FS01
- D. Sea-DC01
- E. BOS-DB01

Answer: CE

NEW QUESTION 105

DRAG DROP

You create an Azure Migrate project named TestMig in a resource group named test-migration.

You need to discover which on-premises virtual machines to assess for migration. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

- Create a collector virtual machine.
- Download the OVA file for the collector appliance.
- Create a migration group in the project.
- Configure the collector and start discovery.
- Create an assessment in the project.

⏪
⏩

1
2
3

⏩
⏪

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Download the OVA file for the collection appliance
 Azure Migrate uses an on-premises VM called the collector appliance, to discover information about your on-premises machines. To create the appliance, you download a setup file in Open Virtualization Appliance (.ova) format, and import it as a VM on your on-premises vCenter Server.

Step 2: Create a migration group in the project
 For the purposes of assessment, you gather the discovered VMs into groups. For example, you might group VMs that run the same application. For more precise grouping, you can use dependency visualization to view dependencies of a specific machine, or for all machines in a group and refine the group.

Step 3: Create an assessment in the project
 After a group is defined, you create an assessment for it. References:
<https://docs.microsoft.com/en-us/azure/migrate/migrate-overview>

NEW QUESTION 106

HOTSPOT

You have an Azure virtual network named VNet1 that connects to your on-premises network by using a site-to-site VPN. VNet1 contains one subnet named Subnet1.
 Subnet1 is associated to a network security group (NSG) named NSG1. Subnet1 contains a basic internal load balancer named ILB1. ILB1 has three Azure virtual machines in the backend pool.
 You need to collect data about the IP addresses that connects to ILB1. You must be able to run interactive queries from the Azure portal against the collected data.
 What should you do? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.

Resource to create:

An Azure Event Grid

An Azure Log Analytics workspace

An Azure Storage account

Resource on which to enable diagnostics:

ILB1

NSG1

The Azure virtual machines

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: An Azure Log Analytics workspace
 In the Azure portal you can set up a Log Analytics workspace, which is a unique Log Analytics environment with its own data repository, data sources, and solutions

Box 2: ILB1
 References:
<https://docs.microsoft.com/en-us/azure/log-analytics/log-analytics-quick-create-workspace> <https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-standard-diagnostics>

NEW QUESTION 111

HOTSPOT

You have an on-premises data center and an Azure subscription. The data center contains two VPN devices. The subscription contains an Azure virtual network named VNet1. VNet1 contains a gateway subnet. You need to create a site-to-site VPN. The solution must ensure that if a single instance of an Azure VPN gateway fails, or a single on-premises VPN device fails, the failure will not cause an interruption that is longer than two minutes. What is the minimum number of public IP addresses, virtual network gateways, and local network gateways required in Azure? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Public IP addresses:

Virtual network gateways:

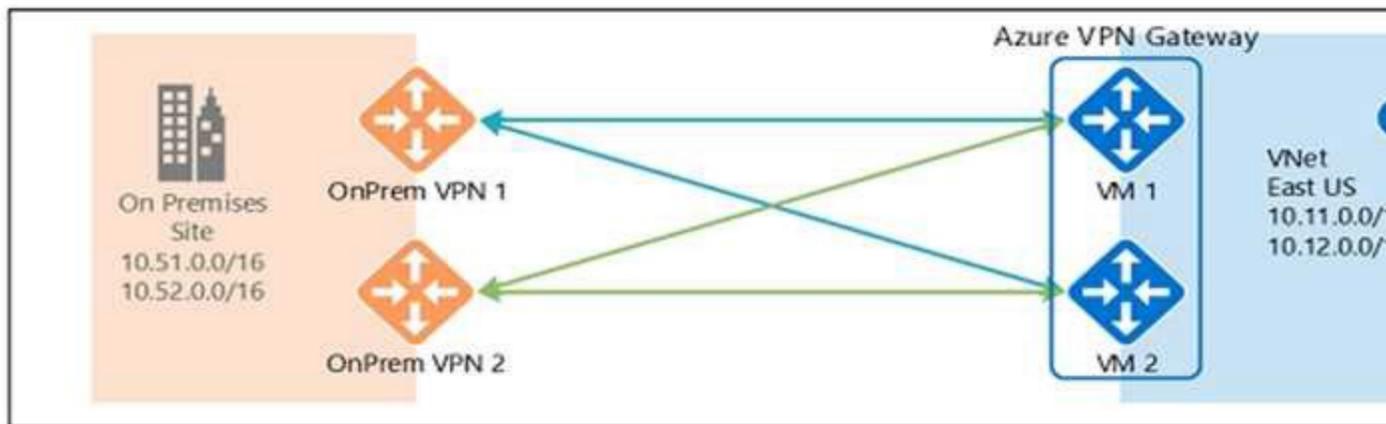
Local network gateways:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 4
 Two public IP addresses in the on-premises data center, and two public IP addresses in the VNET. The most reliable option is to combine the active-active gateways on both your network and Azure, as shown in the diagram below.



Box 2: 2
 Every Azure VPN gateway consists of two instances in an active-standby configuration. For any planned maintenance or unplanned disruption that happens to the active instance, the standby instance would take over (failover) automatically, and resume the S2S VPN or VNet-to-VNet connections.

Box 3: 2
 Dual-redundancy: active-active VPN gateways for both Azure and on-premises networks
 References:
<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-highlyavailable>

NEW QUESTION 116

You have an Azure virtual network named VNet1 that contains a subnet named Subnet1. Subnet1 contains three Azure virtual machines. Each virtual machine has a public IP address. The virtual machines host several applications that are accessible over port 443 to user on the Internet. Your on-premises network has a site-to-site VPN connection to VNet1. You discover that the virtual machines can be accessed by using the Remote Desktop Protocol (RDP) from the Internet and from the on-premises network. You need to prevent RDP access to the virtual machines from the Internet, unless the RDP connection is established from the on-premises network. The solution must ensure that all the applications can still be accessed by the Internet users. What should you do?

- A. Modify the address space of the local network gateway.
- B. Remove the public IP addresses from the virtual machines.
- C. Modify the address space of Subnet1.
- D. Create a deny rule in a network security group (NSG) that is linked to Subnet1.

Answer: D

Explanation:

You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.
 References:
<https://docs.microsoft.com/en-us/azure/virtual-network/security-overview>

NEW QUESTION 118

You have a public load balancer that balancer ports 80 and 443 across three virtual machines. You need to direct all the Remote Desktop protocol (RDP) to VM3 only. What should you configure?

- A. an inbound NAT rule
- B. a load public balancing rule

- C. a new public load balancer for VM3
- D. a new IP configuration

Answer: A

Explanation:

To port forward traffic to a specific port on specific VMs use an inbound network address translation (NAT) rule.

Incorrect Answers:

B: Load-balancing rule to distribute traffic that arrives at frontend to backend pool instances. References:

<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-overview>

NEW QUESTION 120

You have an azure subscription that contain a virtual named VNet1. VNet1. contains four subnets named Gatesway, perimeter, NVA, and production.

The NVA contain two network virtual appliance (NVAs) that will network traffic inspection between the perimeter subnet and the production subnet.

You need o implement an Azure load balancer for the NVAs. The solution must meet the following requirements:

The NVAs must run in an active-active configuration that uses automatic failover.

The NVA must load balance traffic to two services on the Production subnet. The services have different IP addresses

Which three actions should you perform? Each correct answer presents parts of the solution.

NOTE: Each correct selection is worth one point.

- A. Add two load balancing rules that have HA Ports enabled and Floating IP disabled.
- B. Deploy a standard load balancer.
- C. Add a frontend IP configuration, two backend pools, and a health prob.
- D. Add a frontend IP configuration, a backend pool, and a health probe.
- E. Add two load balancing rules that have HA Ports and Floating IP enabled.
- F. Deploy a basic load balancer.

Answer: BCE

Explanation:

A standard load balancer is required for the HA ports.

-Two backend pools are needed as there are two services with different IP addresses.

-Floating IP rule is used where backend ports are reused. Incorrect Answers:

F: HA Ports are not available for the basic load balancer. References:

<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-standard-overview> <https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-multivip-overview>

NEW QUESTION 123

You have five Azure virtual machines that run Windows Server 2016.

You have an Azure load balancer named LB1 that provides load balancing se

You need to ensure that visitors are serviced by the same web server for each request.

What should you configure?

- A. Floating IP (direct server return) to Disable
- B. Session persistence to Client IP
- C. a health probe
- D. Session persistence to None

Answer: B

Explanation:

You can set the sticky session in load balancer rules with setting the session persistence as the client IP.

References:

<https://cloudopszone.com/configure-azure-load-balancer-for-sticky-sessions/>

NEW QUESTION 124

You have an Azure subscription that contains a policy-based virtual network gateway named GW1 and a virtual network named VNet1. You need to ensure that you can configure a point-to-site connection from VNet1 to an on-premises computer. Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Reset GW1.
- B. Add a service endpoint to VNet1.
- C. Add a connection to GW1.
- D. Add a public IP address space to VNet1.
- E. Delete GWL
- F. Create a route-based virtual network gateway.

Answer: EF

Explanation:

E: Policy-based VPN devices use the combinations of prefixes from both networks to define how traffic is encrypted/decrypted through IPsec tunnels. It is typically built on firewall devices that perform packet filtering. IPsec tunnel encryption and decryption are added to the packet filtering and processing engine.

F: A VPN gateway is used when creating a VPN connection to your on-premises network.

Route-based VPN devices use any-to-any (wildcard) traffic selectors, and let routing/forwarding tables direct traffic to different IPsec tunnels. It is typically built on router platforms where each IPsec tunnel is modeled as a network interface or VTI (virtual tunnel interface).

Incorrect Answers:

D: Point-to-Site connections do not require a VPN device or a public-facing IP address. References:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/create-routebased-vpn-gateway-portal> <https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway->

connect-multiple-policybased-rm- ps

NEW QUESTION 128

You have a Basic App Service plan named ASP1 that hosts an Azure App Service named App1. You need to configure a custom domain and enable backups for App1. What should you do first?

- A. Configure a WebJob for App1.
- B. Scale up ASP1.
- C. Scale out ASP1.
- D. Configure the application settings for App1.

Answer: D

NEW QUESTION 132

HOTSPOT

You are creating an Azure load balancer.

You need to add an IPv6 load balancing rule to the load balancer.

How should you complete the Azure PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
$rule1 =  -Name "HTTPv6" -FrontendIpConfiguration $FEConfigv6
-BackendAddressPool $backpoolipv6 -Probe $Probe -Protocol Tcp -FrontendPort 80 -Backendport 8080
New-AzureRmLoadBalancer -ResourceGroupName AdatumR0 -Name 'AdatumIPv6LB' -Location 'East US' -
FrontendIpConfiguration $FEConfigv6
-BackendAddressPool $backpoolipv6 -Probe $Probe  $rule1
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-ipv6-internet-ps>

NEW QUESTION 133

You have an Azure Active Directory (Azure AD) tenant named Tenant1 and an Azure subscription named You enable Azure AD Privileged Identity Management. You need to secure the members of the Lab Creator role. The solution must ensure that the lab creators request access when they create labs. What should you do first?

- A. From Azure AD Privileged Identity Management, edit the role settings for Lab Creator.
- B. From Subscription1 edit the members of the Lab Creator role.
- C. From Azure AD Identity Protection, creates a user risk policy.
- D. From Azure AD Privileged Identity Management, discover the Azure resources of Conscription.

Answer: A

Explanation:

As a Privileged Role Administrator you can:

- ? Enable approval for specific roles
- ? Specify approver users and/or groups to approve requests
- ? View request and approval history for all privileged roles

References:
<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

NEW QUESTION 135

You have an Azure Active Directory (Azure AD) tenant.

You have an existing Azure AD conditional access policy named Policy1. Policy1 enforces the use of Azure AD-joined devices when members of the Global Administrators group authenticate to Azure AD from untrusted locations.

You need to ensure that members of the Global Administrators group will also be forced to use multi- factor authentication when authenticating from untrusted locations.

What should you do?

- A. From the multi-factor authentication page, modify the service settings.
- B. From the multi-factor authentication page, modify the user settings.
- C. From the Azure portal, modify grant control of Policy1.
- D. From the Azure portal, modify session control of Policy1.

Answer: C

Explanation:

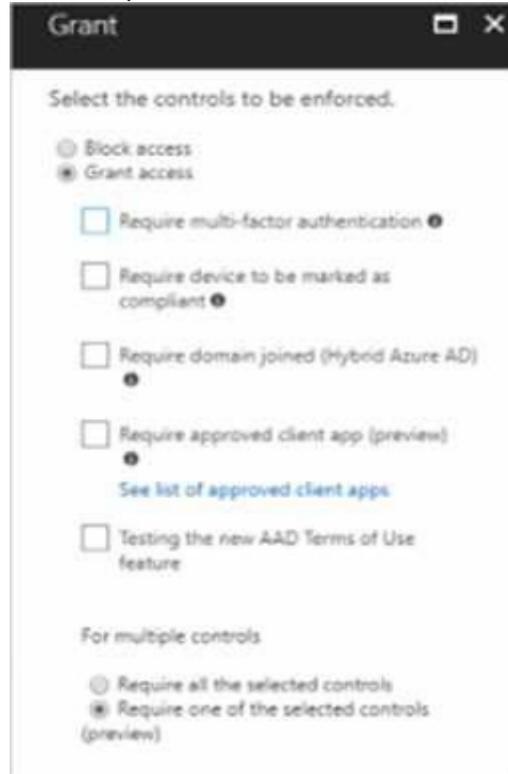
There are two types of controls:

? Grant controls – To gate access

? Session controls – To restrict access to a session

Grant controls oversee whether a user can complete authentication and reach the resource that

they're attempting to sign-in to. If you have multiple controls selected, you can configure whether all of them are required when your policy is processed. The current implementation of Azure Active Directory enables you to set the following grant control requirements:



References:

<https://blog.lumen21.com/2017/12/15/conditional-access-in-azure-active-directory/>

NEW QUESTION 136

You have an Azure subscription named Subscription1 and two Azure Active Directory (Azure AD) tenants named Tenant1 and Tenant2.

Subscription1 is associated to Tenant1 Multi-factor authentication (MFA) is enabled for all the users in Tenant1.

You need to enable MFA for the users in Tenant2. The solution must maintain MFA for Tenant1. What should you do first?

- A. Transfer the administration of Subscription1 to a global administrator of Tenants.
- B. Configure the MFA Server setting in Tenant1.
- C. Create and link a subscription to Tenant2.
- D. Change the directory for Subscription1.

Answer: C

NEW QUESTION 141

You are the global administrator for an Azure Active Directory (Azure AD) tenant named adatum.com. You need to enable two-step verification for Azure users. What should you do?

- A. Configure a playbook in Azure AD conditional access policy.
- B. Create an Azure AD conditional access policy.
- C. Create and configure the Identify Hub.
- D. Install and configure Azure AD Connect.

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-mfasettings>

NEW QUESTION 142

HOTSPOT

You need to provision the resources in Azure to support the virtual machine that will be migrated from the New York office.

What should you include in the solution? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

IP address space of the virtual network:

- 10.0.0.0/16
- 10.10.0.0/16
- 10.20.0.0/16

Storage account kind:

- Blob storage
- Storage (general purpose v1)
- StorageV2 (general purpose v2)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 10.20.0.0/16

Scenario: The New York office an IP address of 10.0.0.0/16. The Los Angeles office uses an IP address space of 10.10.0.0/16.

Box 2: Storage (general purpose v1)

Scenario: The New York office has a virtual machine named VM1 that has the vSphere console installed.

NEW QUESTION 145

HOTSPOT

You need to implement App2 to meet the application? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

App Service plan pricing tier:

- Isolated
- Shared
- Standard

Enabled feature:

- Always On
- Auto Swap
- Web Sockets

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Standard

Not Shared: A Shared plan does not support Always on. Box 2: Always on

If your function app is on the Consumption plan, there can be up to a 10-minute delay in processing new blobs if a function app has gone idle. To avoid this cold-start delay, you can switch to an App Service plan with Always On enabled, or use a different trigger type.

Scenario: A newly developed API must be implemented as an Azure function named App2. App2 will use a blob storage trigger. App2 must process new blobs immediately.

App2 must be able to connect directly to the private IP addresses of the Azure virtual machines. App2

will be deployed directly to an Azure virtual network. The cost of App1 and App2 must be minimized. References:

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-blob> <https://azure.microsoft.com/en-us/pricing/details/app-service/plans/>

NEW QUESTION 148

You need to recommend an environment for the deployment of App1. What should you recommend?

- A. a new App Service plan that uses the P3v2 pricing tier
- B. ASE1 and an App Service plan that uses the I1 pricing tier
- C. ASE1 and an App Service plan that uses the I3 pricing tier

D. a new App Service plan that uses the S1 pricing tier

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/app-service/environment/app-service-app-service-environment-control-inbound-traffic>

NEW QUESTION 153

DRAG DROP

You need to configure the Azure ExpressRoute circuits.

How should you configure Azure ExpressRoute routing? To answer, drag the appropriate configurations to the correct locations. Each configuration may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Configurations

Use BGP communities to configure BGP's Local Preference.

Use BGP to append the private AS numbers to the advertised prefixes.

Use BGP to append the public AS numbers to the advertised prefixes.

Answer Area

Routing from ADatum to Azure:

Configuration

Routing from Microsoft Online Services to Adatum:

Configuration

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Routing from ADatum to Azure: Use BGP to append the private AS numbers to the advertised prefixes.

Routing from Microsoft Online Services to Adatum: Use BGP communities to configure BGP's Local Preference.

NEW QUESTION 155

What should you create to configure AG2?

- A. multi-site listeners
- B. basic listeners
- C. URL path-based routing rules
- D. basic routing rules
- E. an additional public IP address

Answer: A

Explanation:

? AG2 must load balance incoming traffic in the following manner:

- http://www.adatum.com will be load balanced across Pool21.

- http://fabrikam.com will be load balanced across Pool22.

You need to configure an Azure Application Gateway with multi-site listeners to direct different URLs to different pools.

References:

<https://docs.microsoft.com/en-us/azure/application-gateway/multiple-site-overview>

Case Study: 2

Lab 2

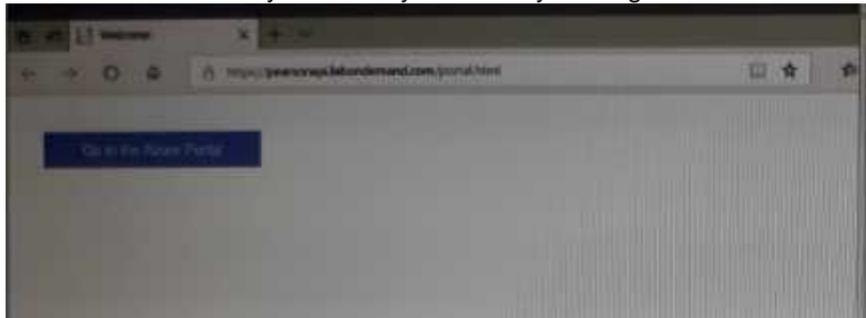
Overview

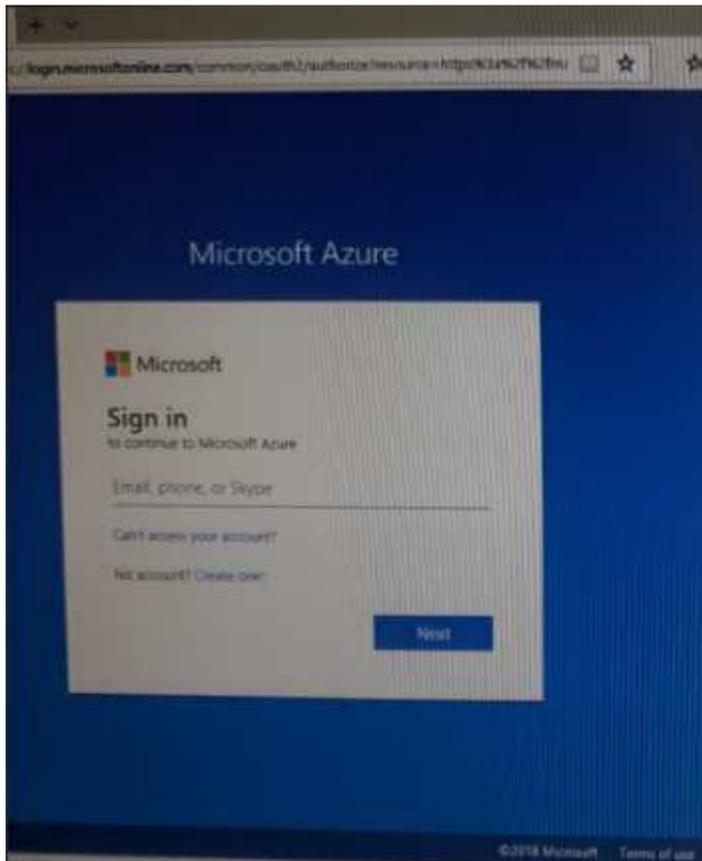
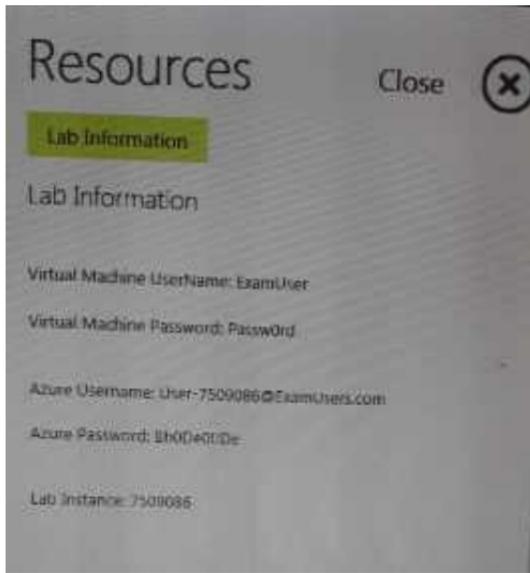
This is a lab or performance-based testing (PBT) section.

The following section of the exam is a lab. In this section, you will perform a set of tasks in a live environment. While most familiar to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to have sites) will not be possible by design.

Scoring is based on the outcome of performing the tasks stated in the lab. In other words, it doesn't matter how you accomplish the lab and all other sections of the exam in the time provided.

Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the tab.





To connect to Azure portal, type <https://portal.azure.com> in the browser address bar.

NEW QUESTION 157

You need to create a function app named corp7509086n1 that supports sticky sessions. The solution must minimize the Azure-related costs of the App Service plan.

What should you do from the Azure portal?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1:

Select the New button found on the upper left-hand corner of the Azure portal, then select Compute > Function App.

Step 2:

Use the function app settings as listed below. App name: corp7509086n1

Hosting plan: Azure App Service plan (need this for the sticky sessions)

Pricing tier of the the App Service plan: Shared compute: Free Step 3:

Select Create to provision and deploy the function app. References:

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-function-app-portal>

NEW QUESTION 159

You plan to grant the member of a new Azure AD group named corp 75099086 the right to delegate administrative access to any resource in the resource group named 7509086.

You need to create the Azure AD group and then to assign the correct role to the group. The solution must use the principle of least privilege and minimize the number of role assignments.

What should you do from the Azure portal?

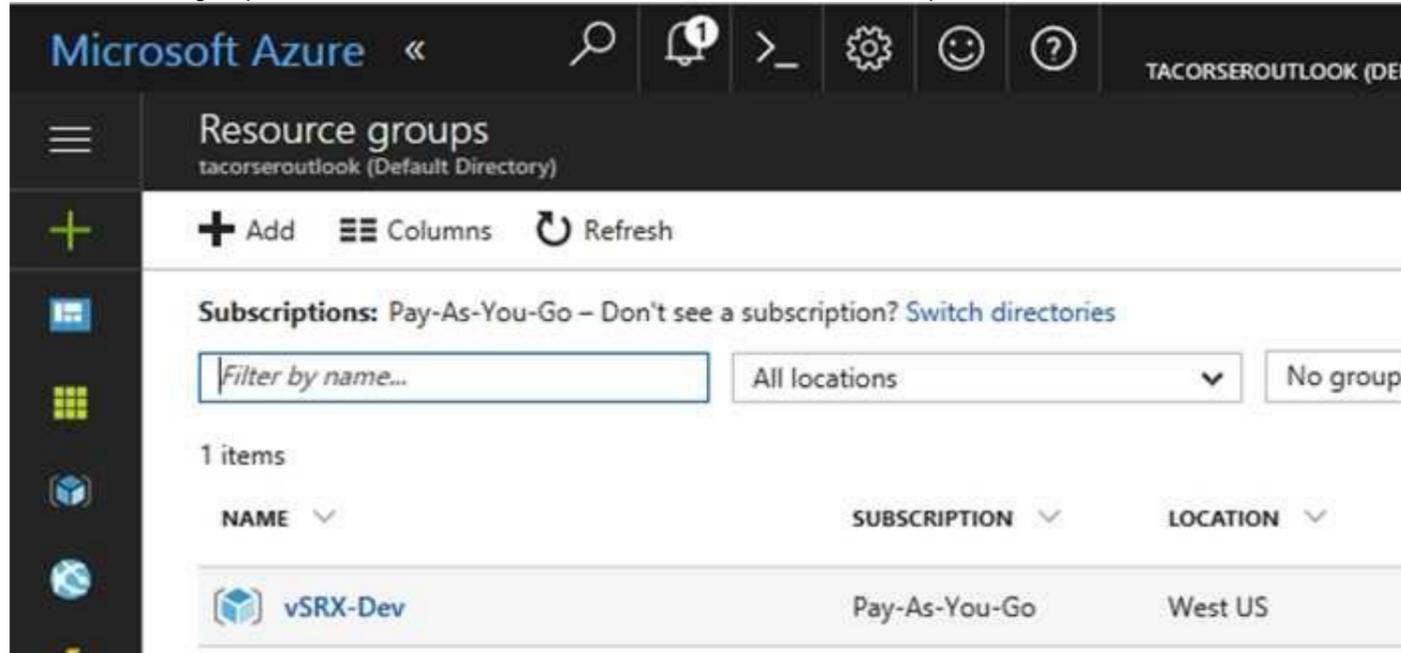
- A. Mastered
- B. Not Mastered

Answer: A

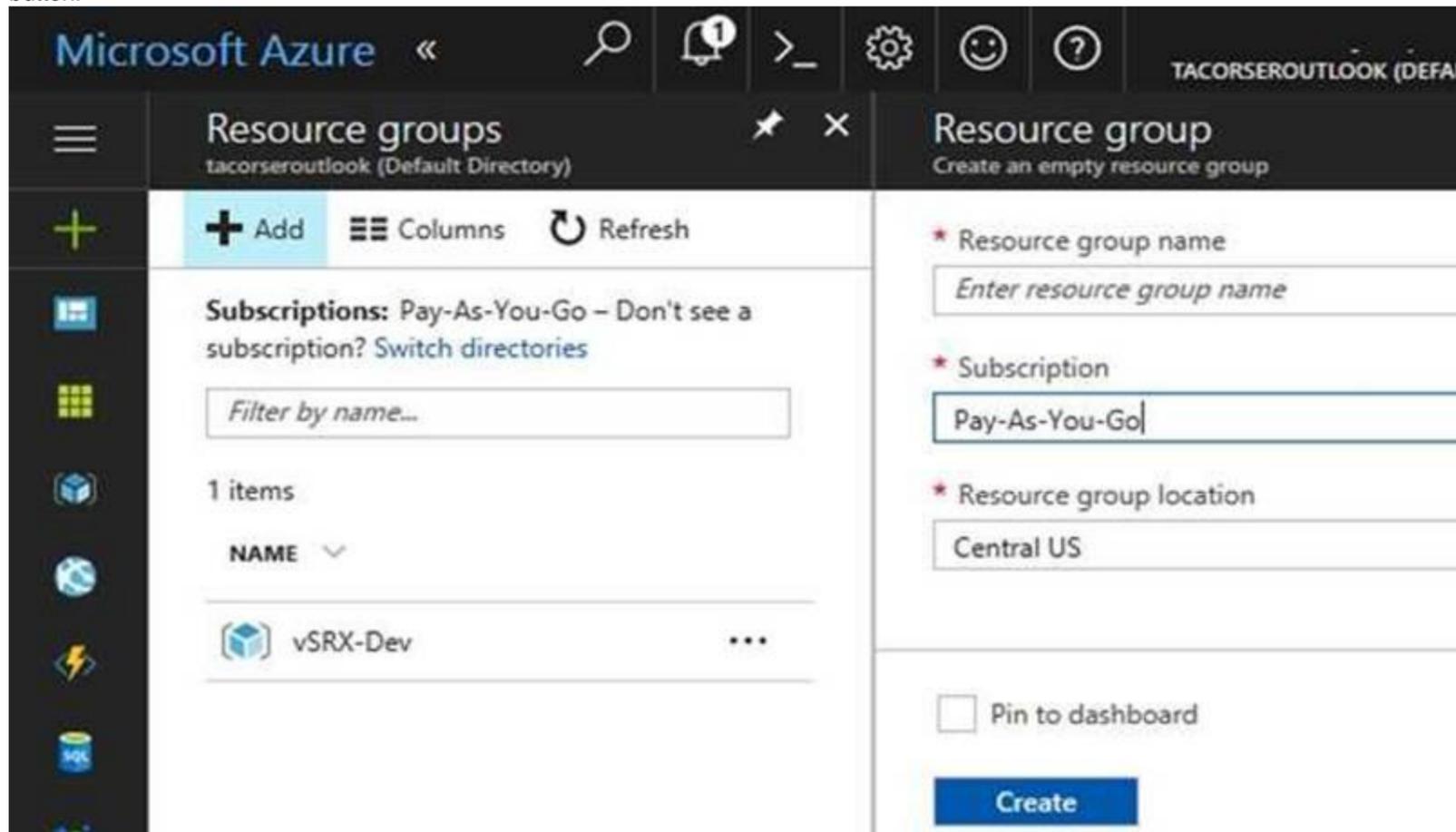
Explanation:

Step 1:

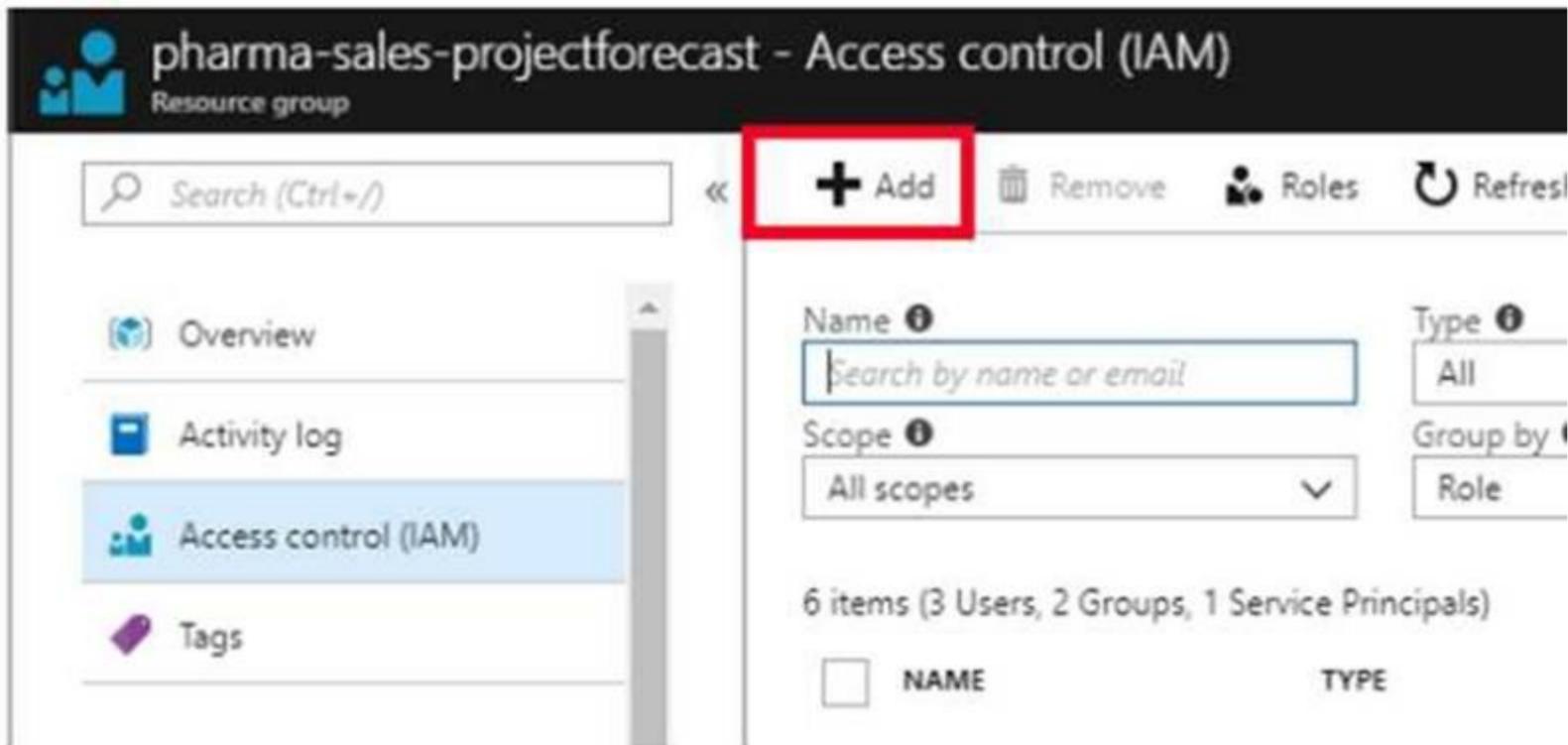
Click Resource groups from the menu of services to access the Resource Groups blade



Step 2:
 Click Add (+) to create a new resource group. The Create Resource Group blade appears. Enter corp7509086 as the Resource group name, and click the Create button.

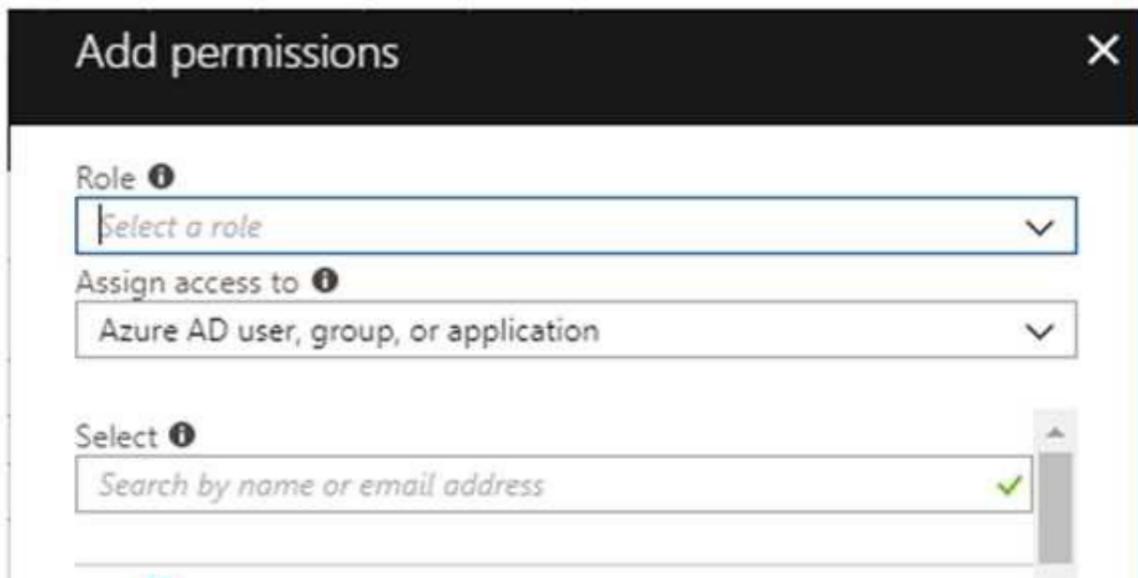


Step 3:
 Select Create.
 Your group is created and ready for you to add members. Now we need to assign a role to this resource group scope. Step 4:
 Choose the newly created Resource group, and Access control (IAM) to see the current list of role assignments at the resource group scope. Click +Add to open the Add permissions pane.



Step 5:

In the Role drop-down list, select a role Delegate administration, and select Assign access to: resource group corp7509086



References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/role-assignments-portal> https://www.juniper.net/documentation/en_US/vsrx/topics/task/multi-task/security-vsrx-azure-marketplace-resource-group.html

Case Study: 3 Contoso Case Study

Overview

Contoso, Ltd. is a consulting company that has a main office in Montreal and two branch offices in Seattle and New York. The Montreal office has 2,000 employees. The Seattle office has 1,000 employees. The New York office has 200 employees. All the resources used by Contoso are hosted on-premises.

Contoso creates a new Azure subscription. The Azure Active Directory (Azure AD) tenant uses a domain named contoso.onmicrosoft.com. The tenant uses the P1 pricing tier.

Existing Environment

The network contains an Active Directory forest named contoso.com. All domain controllers are configured as DNS servers and host the contoso.com DNS zone. Contoso has finance, human resources, sales, research, and information technology departments. Each department has an organizational unit (OU) that contains all the accounts of that respective department. All the user accounts have the department attribute set to their respective department. New users are added frequently.

Contoso.com contains a user named User1. All the offices connect by using private links.

Contoso has data centers in the Montreal and Seattle offices. Each data center has a firewall that can be configured as a VPN device.

All infrastructure servers are virtualized. The virtualization environment contains the servers in the following table.

Name	Role	Contains virtual machine
Server1	VMWare vCenter server	VM1
Server2	Hyper-V-host	VM2

Contoso uses two web applications named App1 and App2. Each instance on each web application requires 1GB of memory.

The Azure subscription contains the resources in the following table.

Name	Type
VNet1	Virtual network
VM3	Virtual machine
VM4	Virtual machine

The network security team implements several network security groups (NSGs).

Planned Changes

Contoso plans to implement the following changes:

- Deploy Azure ExpressRoute to the Montreal office.
- Migrate the virtual machines hosted on Server1 and Server2 to Azure.
- Synchronize on-premises Active Directory to Azure Active Directory (Azure AD).
- Migrate App1 and App2 to two Azure web apps named webApp1 and WebApp2.

Technical requirements

Contoso must meet the following technical requirements:

- Ensure that WebApp1 can adjust the number of instances automatically based on the load and can scale up to five instance*.
- Ensure that VM3 can establish outbound connections over TCP port 8080 to the applications servers in the Montreal office.
- Ensure that routing information is exchanged automatically between Azure and the routers in the Montreal office.
- Enable Azure Multi-Factor Authentication (MFA) for the users in the finance department only.
- Ensure that webapp2.azurewebsites.net can be accessed by using the name app2.contoso.com.
- Connect the New Your office to VNet1 over the Internet by using an encrypted connection.
- Create a workflow to send an email message when the settings of VM4 are modified.
- Cre3te a custom Azure role named Role1 that is based on the Reader role.
- Minimize costs whenever possible.

NEW QUESTION 163

You need to meet the technical requirement for VM4. What should you create and configure?

- A. an Azure Notification Hub
- B. an Azure Event Hub
- C. an Azure Logic App
- D. an Azure services Bus

Answer: B

Explanation:

Scenario: Create a workflow to send an email message when the settings of VM4 are modified.

You can start an automated logic app workflow when specific events happen in Azure resources or third-party resources. These resources can publish those

events to an Azure event grid. In turn, the event grid pushes those events to subscribers that have queues, webhooks, or event hubs as endpoints. As a subscriber, your logic app can wait for those events from the event grid before running automated workflows to perform tasks - without you writing any code.

References:

<https://docs.microsoft.com/en-us/azure/event-grid/monitor-virtual-machine-changes-event-grid-logic-app>

NEW QUESTION 164

You plan to deploy a site-to-site VPN connection from on-premises network to your Azure environment. The VPN connection will be established to the VNET01-USEA2 virtual network.

You need to create the required resources in Azure for the planned site-to-site VPN. The solution must minimize costs.

What should you do from the Azure portal?

NOTE: This task may a very long time to complete. You do NOT need to wait for the deployment to complete this task successfully.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

We create a VPN gateway. Step 1:

On the left side of the portal page, click + and type 'Virtual Network Gateway' in search. In Results, locate and click Virtual network gateway.

Step 2:

At the bottom of the 'Virtual network gateway' page, click Create. This opens the Create virtual network gateway page.

Step 3:

On the Create virtual network gateway page, specify the values for your virtual network gateway. Gateway type: Select VPN. VPN gateways use the virtual network gateway type VPN.

Virtual network: Choose the existing virtual network VNET01-USEA2

Gateway subnet address range: You will only see this setting if you did not previously create a gateway subnet for your virtual network.

Step 4:

Select the default values for the other setting, and click create.

The screenshot shows the 'Create virtual network gateway' form in the Azure portal. The form is titled 'Create virtual network gateway' and contains several fields and options. The 'Name' field is filled with 'VNet1GW'. The 'Gateway type' is set to 'VPN'. The 'VPN type' is set to 'Route-based'. The 'SKU' is set to 'VpnGw1'. The 'Enable active-active mode' checkbox is unchecked. The 'Virtual network' field is set to 'Choose a virtual network'. The 'Public IP address' field has two radio buttons: 'Create new' (selected) and 'Use existing' (selected and circled in red).

The settings are validated and you'll see the "Deploying Virtual network gateway" tile on the dashboard. Creating a gateway can take up to 45 minutes.

Note: This task may take a very long time to complete. You do NOT need to wait for the deployment to complete this task successfully.

References:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource-manager-portal>

Case Study: 5

Humongous Insurance

Overview

Existing Environment

Active Directory Environment

Humongous Insurance has a single-domain Active Directory forest named humongousinsurance.com. The functional level of the forest is Windows Server 2012.

You recently provisioned an Azure Active Directory (Azure AD) tenant.

Network Infrastructure

Each office has a local data center that contains all the servers for that office. Each office has a dedicated connection to the Internet.

Each office has several link load balancers that provide access to the servers.

Active Directory Issue

Several users in humongousinsurance.com have UPNs that contain special characters. You suspect that some of the characters are unsupported in Azure AD.

Licensing Issue

You attempt to assign a license in Azure to several users and receive the following error message:

"Licenses not assigned. License agreement failed for one user." You verify that the Azure subscription has the available licenses. Requirements

Planned Changes

Humongous Insurance plans to open a new office in Paris. The Paris office will contain 1,000 users who will be hired during the next 12 months. All the resources used by the Paris office users will be hosted in Azure.

Planned Azure AD Infrastructure

The on-premises Active Directory domain will be synchronized to Azure AD. All client computers in the Paris office will be joined to an Azure AD domain. Planned

Azure Networking Infrastructure

You plan to create the following networking resources in a resource group named All_Resources:

? Default Azure system routes that will be the only routes used to route traffic

? A virtual network named Paris-VNet that will contain two subnets named Subnet1 and Subnet2
 ? A virtual network named ClientResources-VNet that will contain one subnet named ClientSubnet
 ? A virtual network named AllOffices-VNet that will contain two subnets named Subnet3 and Subnet4
 You plan to enable peering between Paris-VNet and AllOffices-VNet. You will enable the Use remote gateways setting for the Paris-VNet peerings.
 You plan to create a private DNS zone named humongousinsurance.local and set the registration network to the ClientResources-VNet virtual network.
 Planned Azure Computer Infrastructure
 Each subnet will contain several virtual machines that will run either Windows Server 2012 R2, Windows Server 2016, or Red Hat Linux.
 Department Requirements
 Humongous Insurance identifies the following requirements for the company's departments:
 ? Web administrators will deploy Azure web apps for the marketing department. Each web app will be added to a separate resource group. The initial configuration of the web apps will be identical. The web administrators have permission to deploy web apps to resource groups.
 ? During the testing phase, auditors in the finance department must be able to review all Azure costs from the past week.
 Authentication Requirements
 Users in the Miami office must use Azure Active Directory Seamless Single Sign-on (Azure AD Seamless SSO) when accessing resources in Azure.

NEW QUESTION 169

Which blade should you instruct the finance department auditors to use?

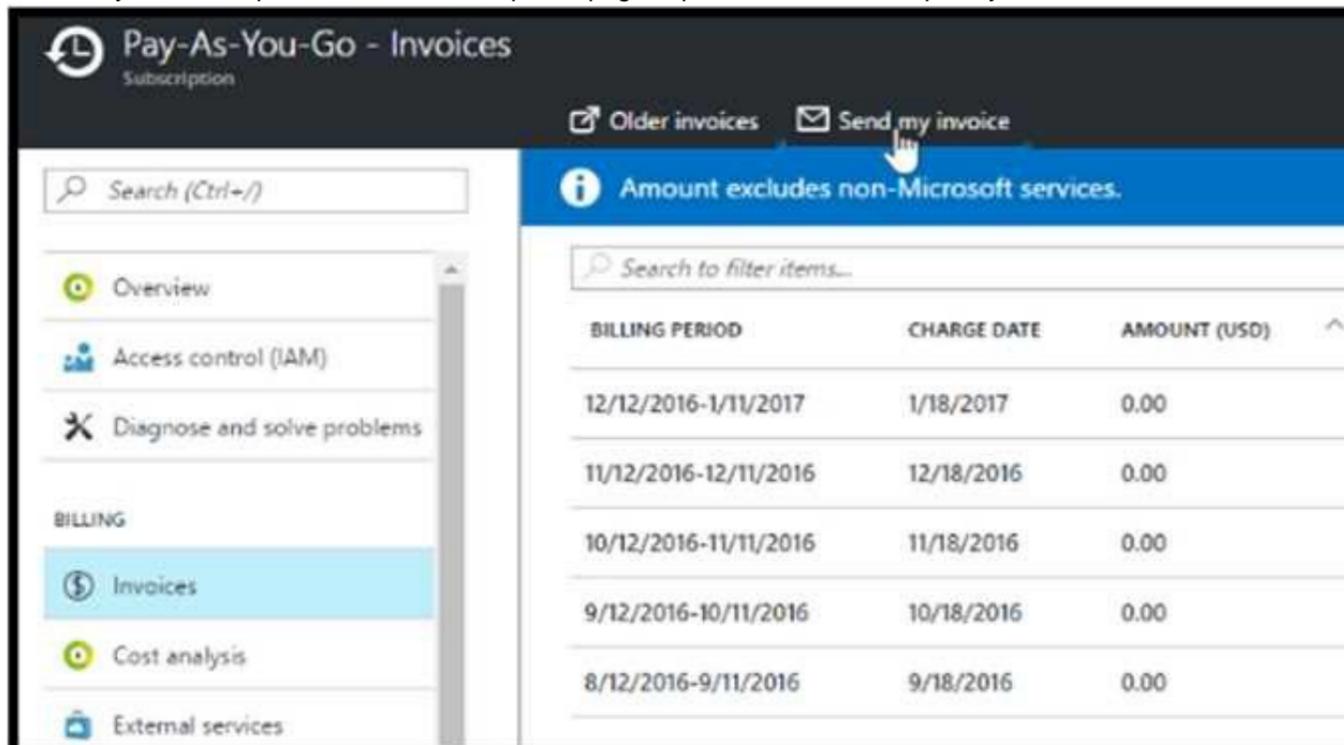
- A. Partner information
- B. Overview
- C. Payment methods
- D. Invoices

Answer: D

Explanation:

You can opt in and configure additional recipients to receive your Azure invoice in an email. This feature may not be available for certain subscriptions such as support offers, Enterprise Agreements, or Azure in Open.

1. Select your subscription from the Subscriptions page. Opt-in for each subscription you own. Click Invoices then Email my invoice.



2. Click Opt in and accept the terms.

Scenario: During the testing phase, auditors in the finance department must be able to review all Azure costs from the past week.

References: <https://docs.microsoft.com/en-us/azure/billing/billing-download-azure-invoice-daily-usage-date>

NEW QUESTION 172

You need to define a custom domain name for Azure AD to support the planned infrastructure. Which domain name should you use?

- A. Join the client computers in the Miami office to Azure AD.
- B. Add http://autologon.microsoftazuread-sso.com to the intranet zone of each client computer in the Miami office.
- C. Allow inbound TCP port 8080 to the domain controllers in the Miami office.
- D. Install Azure AD Connect on a server in the Miami office and enable Pass-through Authentication
- E. Install the Active Directory Federation Services (AD FS) role on a domain controller in the Miami office.

Answer: BD

Explanation:

Every Azure AD directory comes with an initial domain name in the form of domainname.onmicrosoft.com. The initial domain name cannot be changed or deleted, but you can add your corporate domain name to Azure AD as well. For example, your organization probably has other domain names used to do business and users who sign in using your corporate domain name. Adding custom domain names to Azure AD allows you to assign user names in the directory that are familiar to your users, such as 'alice@contoso.com.' instead of 'alice@domain name.onmicrosoft.com'.

Scenario:

Network Infrastructure: Each office has a local data center that contains all the servers for that office. Each office has a dedicated connection to the Internet.

Humongous Insurance has a single-domain Active Directory forest named humongousinsurance.com
 Planned Azure AD Infrastructure: The on-premises Active Directory domain will be synchronized to Azure AD.

References: <https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/add-custom-domain>

domain

NEW QUESTION 176

You need to prepare the environment to meet the authentication requirements.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

- A. Allow inbound TCP port 8080 to the domain controllers in the Miami office.
- B. Add <http://autogon.microsoftazuread-sso.com> to the intranet zone of each client computer in the Miami office.
- C. Join the client computers in the Miami office to Azure AD.
- D. Install the Active Directory Federation Services (AD FS) role on a domain controller in the Miami office.
- E. Install Azure AD Connect on a server in the Miami office and enable Pass-through Authentication.

Answer: BE

Explanation:

B: You can gradually roll out Seamless SSO to your users. You start by adding the following Azure AD URL to all or selected users' Intranet zone settings by using Group Policy in Active Directory: <https://autologon.microsoftazuread-sso.com>

E: Seamless SSO works with any method of cloud authentication - Password Hash Synchronization or Pass-through Authentication, and can be enabled via Azure AD Connect.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sso-quick-start>

NEW QUESTION 178

You need to meet the user requirement for Admin1. What should you do?

- A. From the Subscriptions blade, select the subscription, and then modify the Properties.
- B. From the Subscriptions blade, select the subscription, and then modify the Access control (IAM) settings.
- C. From the Azure Active Directory blade, modify the Properties.
- D. From the Azure Active Directory blade, modify the Groups.

Answer: A

Explanation:

Change the Service administrator for an Azure subscription

1. Sign in to Account Center as the Account administrator.
2. Select a subscription.
3. On the right side, select Edit subscription details.

Scenario: Designate a new user named Admin1 as the service administrator of the Azure subscription.

References: <https://docs.microsoft.com/en-us/azure/billing/billing-add-change-azure-subscription-administrator>

NEW QUESTION 179

HOTSPOT

You need to configure the Device settings to meet the technical requirements and the user requirements.
Which two settings should you modify? To answer, select the appropriate settings in the answer area.

Answer Area

Save Discard

Users may join devices to Azure AD **All Selected None**

Selected
No member selected

Additional local administrators on Azure AD joined devices **Selected None**

Selected
No member selected

Users may register their devices with Azure AD **All None**

Require Multi-Factor Auth to join devices **Yes No**

Maximum number of devices per user **50**

Users may sync settings and app data across devices **All Selected None**

Selected
No member selected

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Selected

Only selected users should be able to join devices Box 2: Yes

Require Multi-Factor Auth to join devices. From scenario:

? Ensure that only users who are part of a group named Pilot can join devices to Azure AD

? Ensure that when users join devices to Azure Active Directory (Azure AD), the users use a mobile phone to verify their identity.

NEW QUESTION 181

You are planning the move of App1 to Azure. You create a network security group (NSG).

You need to recommend a solution to provide users with access to App1. What should you recommend?

- A. Create an outgoing security rule for port 443 from the Internet to the web servers.
- B. Associate the NSG to all the subnets.
- C. Create an incoming security rule for port 443 from the Internet to the web servers.
- D. Associate the NSG to all the subnets.
- E. Create an incoming security rule for port 443 from the Internet to the web servers.
- F. Associate the NSG to the subnet that contains the web servers.
- G. Create an outgoing security rule for port 443 from the Internet to the web servers.
- H. Associate the NSG to the subnet that contains the web servers.

Answer: C

Explanation:

As App1 is public-facing we need an incoming security rule, related to the access of the web servers. Scenario: You have a public-facing application named App1. App1 is comprised of the following three tiers: a SQL database, a web front end, and a processing middle tier. Each tier is comprised of five virtual machines. Users access the web front end by using HTTPS only.

NEW QUESTION 184

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